THE CHEMIST AND DRUGGIST

TELEPHONE NUMBER: 3617 CENTRAL (3 lines).

Established in **ENGLAND, 1859.]**

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Published Weekly at 42 CANNON STREET, LONDON, E.C.

TELEGRAPHIC ADDRESS: "CHEMICUS, CANNON, LONDON." [Charged as two words only.]

Established in **[AUSTRALASIA, 1885.**

No. 1,939. Vol. LXXXIX. MARCH 24, 1917.

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Index to Advertisers, p. 5.

Telephone: HOP 5251 (3 lines).

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LONDON, S.E. 1.

DEAR SIR, *March* 16, 1917.

We beg to notify that the retail price of Wright's Coal Tar Soap will be advanced to 4½d. per tablet, as and from Monday, the 19th inst.

We attach the revised list of retail prices for this and other Coal Tar Specialities, together with the new wholesale terms.

With compliments.

Faithfully Yours,

WRIGHT, LAYMAN & UMNEY, Ltd.

WRIGHT'S COAL TAR SPECIALITIES.

	Retail Price.	Ordinary Wholesale Price.	Lowest Wholesale Price for £5 orders and upwards.
Wright's Liquor Carbonis Detergens (Stamped)	1/3	11/6 doz.	10/6 doz.
,, ,, ,, ,, ...	3/-	24/- ,,	22/- ,,
,, ,, ,, ,, ...	5/-	45/- ,,	41/- ,,
,, ,, ,, (Unstamped for dispensing only)			
,, ,, ,, 1 gal. stone bottles		21/- each	19/9 each.
,, ,, ,, ½ gal. ,, ,, ...	Not for	11/- ,,	10/6 ,,
,, ,, ,, 2 pint glass ,,	Retail	5/9 ,,	5/3 ,,
,, ,, ,, 1 pint ,, ,,	Sale	3/6 ,,	3/3 ,,
Wright's Coal Tar Soap ("Sapo Carbonis Detergens") in 3 dozen Cartons, per Tablet	4½d.	3/9 doz. tab.	41/- gross tab. (*i.e.* for 3 gross)
,, ,, ,, In Toilet Boxes (¼ doz. 4½d. Tablets in each), at per box...	1/1½	11/3 ,, box	123/- gross boxes
,, ,, ,, Bath Toilet Boxes (¼ doz. 9d. Tablets in each)	2/3	22/6 ,, ,,	246/- ,, ,,
,, ,, ,, In decorated tin box (1 Tablet in each)	6d.	4/9 ,,	4/4 doz.
,, ,, Shaving Soap (Sticks or Cakes)	10d.	7/3 ,,	6/9 ,,
,, ,, ,, ,, (Powder)	1/-	8/3 ,, tins	7/6 ,, tins
,, ,, Pills ("Pilula Carbonis Detergens") ...	1/3	11/6 ,, boxes	10/6 ,, boxes
,, ,, ,, ,, ,, ,, ...	3/-	24/- ,, ,,	22/- ,, ,,
,, ,, Dog Soap ("Sapo Carbonis Canibus") ..	6d.	4/9 ,,	4/4 ,,
,, ,, Detergent Dentifrice ("Sapo Carbonis") ...	6d.	4/- ,,	3/6 ,,
,, ,, ,, ,, ,, ,, ...	1/-	8/- ,,	7/-
,, ,, Shampoo Powders (in boxes of 7)	1/-	9/- ,, boxes	8/- ,, boxes
,, ,, ,, ,, 144 × 2d. packets			
,, ,, ,, ,, 72 × 2d. ,, ...	2d. ea.	12/- gross	11/- gross
,, ,, Bath Salt ("Sal Carbonis Detergens") ...	9d.	5/- doz.	4/6 doz.
,, ,, Inhaler or Vaporiser	3/6 ea.	2/6 each	2/3 each
,, ,, Vaporising Liquid	9d.	6/9 doz.	6/- doz.
,, ,, ,, ,, ...	2/6	18/- ,,	16/- ,,
,, ,, Absorbent Blocks for Inhalers or Vaporisers	4d.	3/- ,,	2/8 ,,
,, ,, Pastilles	1/3	9/- ,,	8/6 ,,

TERMS: Monthly Account, less 2½% (due 15th inst.)

See facing page.

Tel. No.: Hop 5251 (3 lines).

March 19, 1917.

Messrs. WRIGHT, LAYMAN & UMNEY, LTD.

beg to notify, in consequence of the great demand for Wright's Coal Tar Soap for the British Expeditionary Forces, Red Cross Hospitals, and Naval and Military Institutions, etc., they are compelled to withdraw their previous special arrangements regarding Window Displays.

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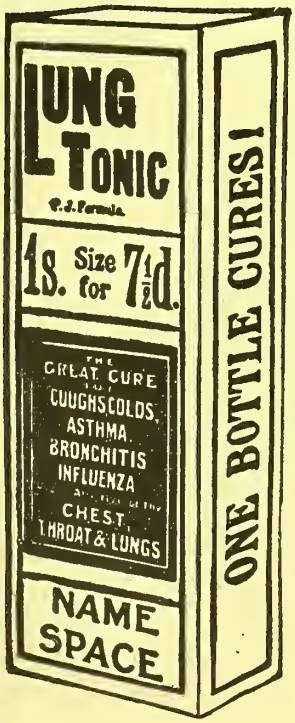
INDEX TO ADVERTISERS IN THIS ISSUE.

The Arabic numerals (1 to 32) in this Index refer to Advertisements in the front of literary pages, the Advertisements following the literary pages are numbered in Roman numerals (i to xxiv)

For more complete buyers' Guide see "The Chemist & Druggist" Diary, 1917.

ACME CHEMICAL CO., Weed Killers, &c. 30
AERATORS, Ld., Sparklets, Vacuum Flasks 29
ALBERT & CO., Proprietary Ointment xxiii
ALLCOCK MANUFACTURING CO., Plasters, &c. xx
ALLEN & HANBURYS, Ld., Packed Goods ..... Cover
ALLIANCE DRUG & CHEMICAL CO., Drugs, Chemicals xv
ALTRINCHAM RUBBER CO. India-Rubber Goods xxiii
AMERICAN BUREAU OF FOREIGN TRADE xiv
AMSTERDAM QUININE WORKS, Quinine iii
ANGLO-RUSSIAN TRADING CO., Cantharides xxii
ARMOUR & CO., Ld., Rennet ..... 3, Text
BAISS BROS. & CO., Ld., Drugs, Chemicals 23
BAKER PARSON C., Chemists' Valuer ..... Col. Supp.
BANDOENG QUININE FACTORIES, Quinine Salts iii
BATTAM & HEYWOOD, Valuers, &c ..... Col. Supp.
BENGER'S FOOD, Ld., Foods 32
BENGOL TRADING CO., Chemicals xiv
BERDGE & FISH, Chemists' Valuers, &c. ..... Col. Supp.
BIRMINGHAM & MIDLAND COLLEGE 8
BLYTHE, W. & CO., Ld., Epsom Salts, Zinc Sulphate xi
BOAKE ROBERTS, A., & CO., Ld., Chemicals, Essences 27
BOEHM F., Ld., Chemicals, Olive Oil, Essential Oils 2
BOMBAY AGENTS' CO., East Indian Agencies x
BRADLEY & BOURDAS, Plate Polish xxiii
BRITISH CELLULOSE & CHEMICAL MNFG. CO., Ld., Acetic Anhydride xii
BRITISH DIAMALT CO., Foods xviii
BRITISH MILK PRODUCTS CO., Ld., Foods 25
BRITISH ORGANOTHERAPY CO., Ld. xii
BRITISH WAX REFINING CO., Petroleum Jellies, Waxes 10
BROWN, B., & BRO., Drugs, Chemicals, Vegetable Oils 14
BROWNING W., & CO., Emulsions, Paraffin Liq. 24
BULL, D. W., Paper xxii
BURGE, WARREN & RIDGLEY, Ld., India-Rubber Goods, Air Cushions, Anti-Rheumatic Rings xxiii
BURGOYNE, BURBIDGES & CO., Chemicals (fine), Druggists' Sundries, Emulsions 4
BURNSIDE & CO., Eucalyptus Oil 19
BURROUGH, J., Ld., Absolute Alcohol ..... Text
BURROUGHS WELLCOME & CO., "Tabloid" Preps. 31
BUTLER, E. H., & SON, Acetanilide, Aniline Dyes xii
CHATELAIN, J. L., French Medicinal Proprietaries xi
CHESTER, A. D., & CO., Ld., Chemicals v
CHRISTY, T., & CO., Toilet Articles, Tartar Remover, &c. 32, xxii
COLEMAN & CO., Ld., Tonic and Medicated Wines .. 26
COOPER, SON & CO., Ld., Cachets xxii
CUXSON, GERRARD & CO., Ld., Surgical Dressings, &c. xix
DAVIES, SONS & CO., Malt Extracts, Packed Goods .. 5
DAVIS & LAWRENCE CO., Canadian Agencies xvi
DE LEEW BROS., Containers 22
DEE OIL CO., Ld., Petroleum Jellies 20
DUDLEY & CO., Shopfittings 8
DUNCAN, FLOCKHART & CO., Chloroform, Ethers, Bacterial Vaccines, Galenicals viii
EDGE, W., & SONS, Cleansers 20
ELLISON, H. Ld., Disinfectants xxii
EVAN WILLIAMS CO. Henna Shampoo 20
EWEN, J., & SONS, Lard 8
FARRA CO., Ld., Chemicals v
FARRIS, CHARLES, Beeswax, Spermaceti, White Oils 10
FARROW & CO., Glass Bottles 28
FASSETT & JOHNSON, Plasters xxi
FELLOWS' MEDICAL MFG. CO., Medicinal Syrups vi
FINK, F., & CO., Gums xxii
FLETCHER, FLETCHER & CO., Ld., Liquors ..... Text
FLOREY, HARTLEY, Chemicals 21
FORD, SHAPLAND & CO., Chemists' Printing 9
FRAME FOOD CO., Ld., Foods 25
FRANSES, J. J., & SONS, Waxes 10
FUERST BROS. Chemicals (Pure and Technical) xiii
GALBRAITH R. D., & CO., Castor and Edible Oils 19
GALEN MNFG. CO., Surgical Dressings, Sundries xxii
GIBBINS, R., & CO., Tablets ..... Col. Supp.
GIGNOUX FRERES & CO French Specialities iv
GIMBER, W., & SON, Crepe Bandages xx
GOLDBERG, I. L., Santonine ix
GOUGH, KIDSTON & CO., Chemicals vi
GOWER, JOHN, Books (Secondhand, &c.) ..... Col. Supp.
GREEFF, R. W., & CO., Chemicals (Fine and Technical) .. 7
GRIFFIN, J. J., & SON, Ld., Tablet Machines 6
GUMMED PAPERS, Ld., Sealing Machines xviii
HAMASAKI & CO., Japanese Chemicals x
HAMMOND JEFFERY & CO., Ld. Chemicals v
HARLEY T., Rat Poison 30
HAYNES, G., & CO., Surgical Dressings xxii
HIGGIN, Ld., Vulcanite Goods xxii
HOLT, THOMPSON & CO., Ld., Salicylic Acid 14
HORNE, W. C., Luminous Paint xxii
HOYLE, J. & T., & CO., Aniline Dyes xxii
HUBBUCK, THOS., & SON, Ld., Zinc Oxide ii
HUISKING, C. L., American Drugs, Chemicals, &c. .. vii
INGRAM, J. G., & SON, India Rubber Goods, Teats xx
ISAACS, I., & CO., Medical Glassware 19
JEWSBURY & BROWN, Tooth Paste 16
JOB BROS., Cod Liver Oil (Newfoundland) 13
JOHNSON, MATTHEY & CO., Ld., Rare Metals vi
JOHNSON & SONS (Mnfg. Chts.), Ld., Fine Chemicals .. iii
JOSEPHS, PHILIP & SONS, Ld., Shopfittings .... Col. Supp.
KAY BROS., Ld., Cements, Flycatchers, Proprietaries .. 30
KEENE'S (Leicester), Cubes 26
KELLAND, W. P., Safety Razors 12
KESSLING (E.) THERMOMETER CO., INC., Clinicals xvii
KIRBY, H. & T., & CO., Ld., Aspirin 32
KITCHENER CO., Hat Cleaners 30
LANG, JULES & SON, Medical & Chemical Glassware Cover.
LENNOX FOUNDRY CO., Ld., Chemical Plant 6
LEVERMORE, A., & CO., Ld., Chalk (Precipitated) ... xxii
LINTON, HUBBARD & ANDREW, Drugs, Essential Oils xviii
LIVERPOOL SCHOOL OF PHARMACY, Educational .. 8
LOFTHOUSE & SALTMER, Ld., Foods, Asthma Remedies 13
LORIMER, J., Foods, Antiseptics, Perfumes 21
LYMANS, Ld., Canadian Agencies xvi
M'GLASHAN, D., Fruit Drink 25
McKESSON & ROBBINS, American Drugs vii
MACNAIR, A. & CO., Rectified Spirit, Absolute Alcohol .. xxii
MACFARLAN, J. F., & CO., Alkaloids, Chloroform, Emetine Salts, Surgical Dressings ix
MADERO BROS. INC., Chemicals i
MAGNUS, MABEE & REYNARD INC., Essential Oils ii
MARKT & CO. (London), Ld., Rubber Sponges 28
MAW, S., SON & SONS, Druggists' Sundries, Packed Goods, Surgical Instruments, Vacuum Flasks II
MAWSON & CO., Capsules xvi
MEADE-KING, ROBINSON & CO., Petroleum Jellies .. 19
MILLAR, A., & CO., Ld., Orange Quinine Wine xvii
MILLS, H., Shopfittings 8
MILNER'S CHEMICAL CO., Hat Cleaners, Insecticides 12
MONSANTO CHEMICAL WORKS, Glycerophosphates xiii
MORRIS, LEONARD, Whirling Sprays xxiii
MOTOSABURO TANABE, Japanese Chemicals, Drugs iv
NALBOROUGH & SONS, Ld., Milk Sugar xviii
NATIONAL ANILINE & CHEMICAL CO., Chemicals xii
NEWBERY, F., & SON, Ld., Druggists' Sundries .. 12
NIEUWHOF, SURIE & CO., Ld., Casein 25
NI-VERRE CHEMICAL CO., Toilet Articles xii
NORTH, V. C., & CO., Acetic Anhydride, Phenacetin .. ii
NORTHERN TIN CANISTER WORKS 19
OURY MILLAR & CO., Ld., Gelatines 27
PEARSON, E. T., & CO., Salicylic Acid xiii
PELLIOT, HENRI, & CIE, Citric Acid v
PERRY & HOPE, Ld., Malt Extract Preps xiv
PHARMACEUTICAL LANOLINE CO., Lanoline 14
PICERNO, V. A., Chemicals ii
PICKARD, IVE & RANKIN, Ld., Acetylsalicylic Acid .. x
PLEWS, F. H., & CO., Liver Salt xvii
PORGES Gutta Percha Substitutes xxiii
POTTER & CLARKE, Ld., Herbs, Asthma Remedies, Crude Drugs, Packed Goods xxiv
POULENC FRERES, Stovaine 21
PRESTON'S LIVERPOOL DISTILLERY CO., Ld. 22
PRIDEAUX'S Ld., Casein 25
RANDALL & SON, Ld., Methylated Spirit xvii
RAWORTH, J. E., Patent Agent xxii
RED BAND CHEMICAL CO., Packed Goods x
RIGAUD-CHAPELLE, French Proprietaries, &c. 17
ROBARTES, Ld., Toilet Specialities 16
ROBERTS, A. E., Cough Linctus xviii
ROBERTS' PATENT FILLING MACHINE CO. 6
ROQUES FERDINAND, Alkaloids, Cacodylates xi
ROSMARINE MNFG. CO., Toilet Preparations 18
ROWLANDSON, W., & CO., Mixing Machinery 6
RUDD, F. M., Peppermint Oil 22
RUDDUCK & CO., Chemists' Shop Fittings ..... Col. Supp.
SANITAS CO., Ld., Disinfectants ..... Text
SHADEINE CO., Hair Dyes xxiii
SHIRLEY BROS., Ld., Tin Boxes, Packed Goods 13
SINGLETON & COLE, Ld., Tobacco and Cigars xxii
SMITH, T. & H., Ld., Alkaloids, Resins & Resinoids .. iv
SOLPORT BROS., Ld., Corn Plasters, Puffs, Loofahs 12
SPARKS, JOHN C. Chemicals xii
STANDARD TABLET & PILL CO., Ld., Pills, Tablets Cover
STEVENSON, H. E., & CO., Synthetic Oltos, &c. 15
STOKES, G. A., & CO., Ld., Shaving Sticks 16
SWALES, THOMAS, Loofahs, Corn Plasters xix
THERMOS, Ld., Vacuum Flasks 29
THEW, HOOKER & GILBEY, Malted Foods 24
THOMAS CHRIS., & BROS., Castille Soap 22
TIMPSON, JOHN, & CO., Ld., Antiseptic Powder 18
TOLKOWSKY, S., Russian Crude Drugs, &c. viii
TOMODA & CO., Japanese Products vii
TOZANA PERFUMERY CO., Toilet Articles 20
VAN HORN & SAWTELL, Surgical Ligatures xxii
VENESTA, Ld., Tinfoil 22
VERNON & CO., Ld., Surgical Dressings, Lints xx
VICHY CO., Mineral Waters 26
VISCOSE CO., Ld., Bottle Cappings xviii
WAIDE, THOS., & SONS, Chemists Printing 29
WARD & GOLDSTONE, Electrical Novelties 9
WARRINGTON CHEM. & DRUG CO., Salicylic Acid xii
WASHINGTON CHEMICAL CO., Ld., Magnesia & Salts x
WATFORD MANFG. CO., Ld., Soup Cubes 27
WATSON & CO., Photographics ..... Col. Supp.
WEBSTER, T. & CO., Ink Powder 20
WESTMINSTER COLLEGE OF PHARMACY 8
WHIFFEN & SONS, Ld., Emetine Salts, Quinine, &c. .. x
WILCOX, JOZEAU & CO., Continental Proprietaries .... Text
WRIGHT, LAYMAN & UMNEY, Ld., Coal Tar Specialities, Perfumery Materials ..... Cover, I
YOULDON, E., Ld., Medical Glassware 28
ZEAL, G. H., Clinical Thermometers xix
ZIMMERMANN, C., & CO. (Chemicals), Ld., Chemicals .. 21
ZOL Ld Proprietary xvi



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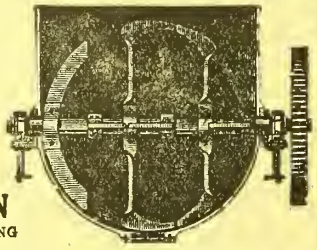

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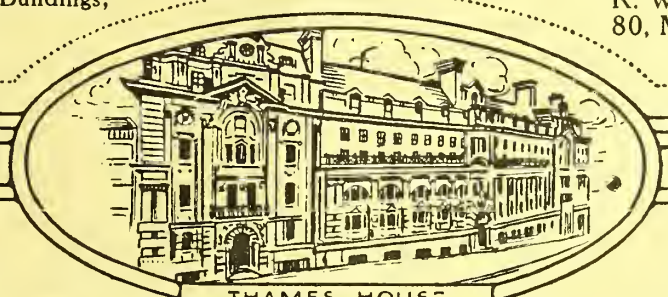

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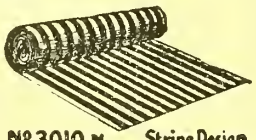
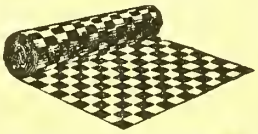


No 3010.N. Stripe Design 2/4 per Roll. 12 for 27/-

No 3015.N. Check & Stripe Design 2/4 per Roll. 12 for 27/-



No 3011.N. Check Design 2/4 per Roll. 12 for 27/-

Illustrated List No. C266, showing over twenty designs in Window-Dressing Papers, with suggestions how to use most attractively, free on receipt of trade card. A real boon to smart window dressing.

DUDLEY & COMPANY, 451, 550 & 558 HOLLOWAY RD., LONDON, N.

City Showrooms: 25 Wood Street, Cheapside, E.C.

SHOP FRONTS

and

Modern Improvements.

H. MILLS, the Chemists' practical Shop Fitter, Shop Front Builder with the latest designs and largest experience. Plans submitted for structural Alterations. Estimates Free.

Steam Works:

163-5 OLD STREET, LONDON, E.C.

On hand—a large stock of Drug Fittings, Counters, Dispensing Screens, Wall Cases, etc., equal to new.—Bargains !

EVERY GENUINE PACKAGE

BEARS THIS LABEL.

EWEN'S LARD

is the ONLY LARD that is made exclusively for pharmaceutical and perfumery preparations and is the BEST AND MOST RELIABLE

Guaranteed B.P. Lard on the Market.

Ward & Goldstone
SALFORD MANCHESTER

Write for Lists—(Box 14), Sampson Works, SALFORD, MANCHESTER.
Phone: 7083-6 Central. Tel.: "Multum Manchester."

THE "DUCHESS" WAISTCOAT POCKET ELECTRIC LAMP.
Most reliable. Fitted with bull's-eye lens, heavily nickelled caps. Recommended for Export. Complete with Refill and Bulb. Price **30/-** doz. net.

"VOLEX" POCKET LAMP BATTERIES.
British Manufacture. Made of the finest chemicals and finished by a special process to ensure maximum life. Highest grade. Price **6/6** per doz. net.
For Cheaper Types see our List.

THE "RED CROSS" COIL.

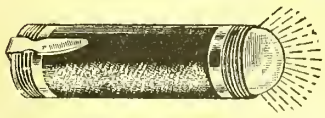
British made. Size of Case, 8½ × 6 × 5 in. No. N 5/21. Price **23/-** net. Fitted with high-speed trembler Make and Break which ensures a steady soothing current; can be regulated from mild to powerful. A reliable lasting Dry Cell is concealed in Case which can be renewed in a few moments.

SPECIAL LINE. No. 307. British Made Pocket Lamp Case complete with ⅜-in. Lens, Battery and Metal Filament Bulb — *per doz.* **12/9** *net.*

The following prices are per dozen net, and include reliable Batteries and special Tungswire Metal Filament Bulbs.

Complete with Refills and Best Bulbs. DESCRIPTION.	1¾ lens. No.	1¾ lens. Dz.	1¾ lens. No.	1¾ lens. Dz.
Popular quality, assorted covers, polished fittings ..	310	16/8	903	13/-
Medium quality, leatherette covers, nickelled fittings ..	325	18/8	905	20/-
Superior quality, in best leatherette covering, heavily nickelled	324	23/8	904	25/-
De Luxe quality, real leather covering, and heavily nickelled	423	30/-	S20	33/-

BRITISH MADE TORCHES.



THE "TROPHY" TORCH. *A full-size Torch of Remarkable Value.* No. N21/42, size 9 in. long, complete with 3-cell battery and bulb, **4/-** net.

THE "CLIPLITE" TORCH, as above, but 6⅝ in. long. Complete, **3/-** net.

FOR HOME & EXPORT.

OTHER PATTERNS OF TORCHES from 1/- EACH.

No. 11.—**THE "MAJOR" TORCH,** as illustrated. Size, 9½ × 1½ ins., complete with bulb and battery, **6/3** each net. Also supplied with real leather covering, De Luxe model, complete, **9/6** each net. Best quality Refills, 7 × 1¼ ins., **1/6** each net.

No. 41.—**THE "KIT" TORCH.** Similar to above but shorter, to take a 2-cell battery; most portable and convenient; quite reliable for export. Size 7 × 1½ ins., complete, **5/6** each net. Best quality Refills, 4¾ × 1¼ ins., **1/3** each net.

No. 24.—**THE "OFFICER" TORCH.** High-class Inspection Torch, similar to "MAJOR," with most powerful reflector and 2½ in. lens. Size, 10½ × 1½ ins., complete, **7/9** each net. Best Refills, 7 × 1¼ ins., **1/6** each. Spare Bulbs, **-/6** each net.

Our large illustrated 64-page Catalogue, free on application.

FORD, SHAPLAND & Co
PRINTERS

We have specialised in Chemists' and Druggists' Printing for over 70 years. We have built up and maintained our reputation on quality and despatch. If you want

QUALITY PRINTING

send us your enquiries and we will submit suggestions and quotations. A few of our specialities are Labels, Cartons, Envelopes, Fine Art Show Cards, Dental and Optical Circulars, etc.

Agents for Registration of Trade Marks.

GREAT TURNSTILE, HIGH HOLBORN
LONDON
TEL. 65, CITY. TELEGRAMS: FORSHAPCO WESTCENT. LONDON.

"FARRIS'S"

GENUINE WHITE BEESWAX.

AIR BLEACHED AND GUARANTEED B.P.

IN 1-oz. FLAT ROUNDS OR BLOCKS.

ALSO WAXES OF EVERY KNOWN KIND.

The only actual Manufacturing Wax Chandler in the City of London.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

Works—HELMET COURT, BISHOPSGATE, E.C.

Telephones: LONDON WALL, 9397 and 9398.

Telegrams: "WAXINESS (LED) LONDON."

We offer

WAXES

PETRO. JELLY

LIQUID PARAFFIN B.P.

WHITE OILS

Send us your inquiries.

J. J. FRANSES & SONS, LIMITED,

80a Southwark St., LONDON, S.E. 1.

THE

BRITISH WAX REFINING

COMPANY, LIMITED.

WHITE BEESWAX

YELLOW BEESWAX

Slabs, Bars, Tablets or Discs

CERESINE WAX

Bleached Carnauba Wax

Carnauba Wax Residues

All Waxes Refined, Bleached and Manufactured at our Works, REDHILL, SURREY.

Registered Office:

5 RANGOON ST., LONDON, E.C.3

TELEPHONE CITY 7 PRIVATE BRANCH EXCHANGE
TELEGRAMS ELEVEN CENT LONDON

Maw's Page

S. MAW SON & SONS (G.P.O. BOX No 54) 7-12 ALDERSGATE ST LONDON EC

NUMBER 284 MAR. 24, 1917

CABLES ELEVEN LONDON
CODE A·B·C 4TH & 5TH EDITION

Some items for your Consideration

The BRIGHT SIDE OF THINGS

Maw's Indian Perfume Brick is a combination of aromatic gums and spices. Retaining its delightful fragrance indefinitely, it is also a preventive against moths. Put up in boxes of one dozen, price 4/- box.

□

The perfect brilliantine is the "Parex" (regd.) Crystallized Brilliantine. It is appreciated for its refined appearance, delicate perfume and efficiency. In dainty containers 7/8 dozen, with bonus.

□

Here is a good offer in combs. It is a white "Ivorine" Comb, which will readily retail at 1/-. Can be supplied with all large teeth ("Rake" pattern). Price 9/- dozen.

□

Just a little "Anti-Verm" Cream spread on the wrists, neck, or any exposed part will prevent all body vermin from troubling. Maw's "Anti-Verm" is a real necessity for our fighting men. Put up in neat screw-cap tins, attractively labelled. 4/9 dozen.

If there is one thing that the "House of Maw" is rightly famed for it is Menthol.

The introduction of this new line, the

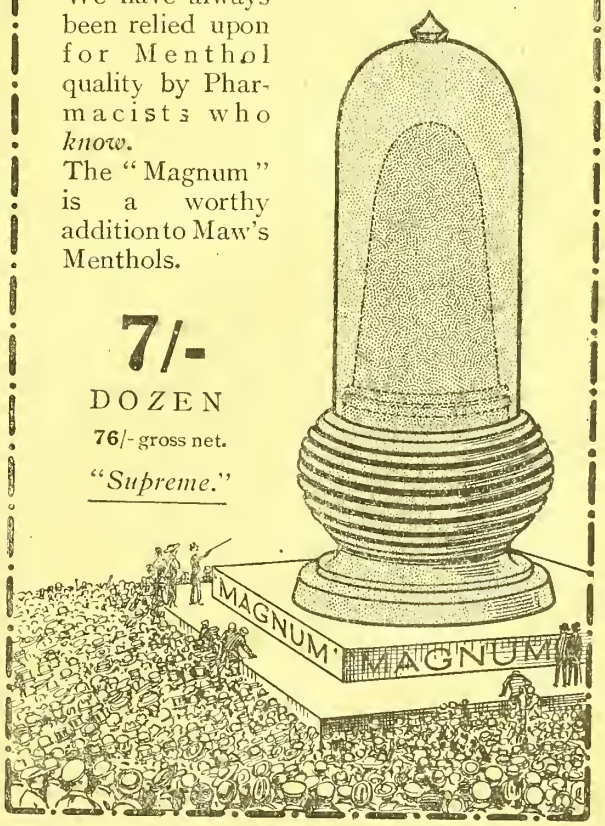
'MAGNUM' MENTHOL

will arouse interest.

Attention is directed to the full-shaped acorn cone of highly polished box-wood, and the liberal-sized contents. We have always been relied upon for Menthol quality by Pharmacists who *know*.

The "Magnum" is a worthy addition to Maw's Menthols.

7/-
DOZEN
76/- gross net.
"Supreme."



"Newbery's"

FRANCIS NEWBERY & SONS LTD

OXYGEN TOOTH POWDER

AN ADDITION TO OUR "N" SERIES.

This is a distinctive line, packed in Dull Gold Tins, with a most artistic label colour scheme.

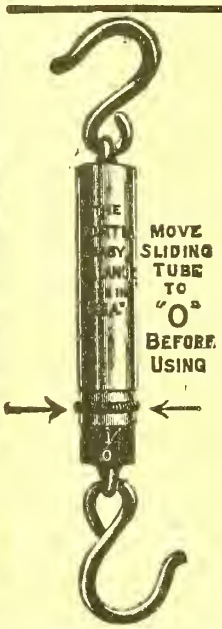
The Tooth Powder and the get-up make a toilet accessory to satisfy the most fastidious taste.

Uniform in style we supply Carbolic, Thymol, Smokers', Cherry, Parma Violet, a la Menthe. Retailer's own name and address where desired on orders for one gross, single or assorted.

In three sizes, at 36/-, 42/-, and 48/- gross net.

Charterhouse Square, LONDON, E.C. 1.

A Profitable Seller



THE "PORTIA"

(Regd.)

NET WEIGHT

Baby Balance

Weighs up to 15 lb.

Price	Retail
11/6 dozen.	1/6 each.

Hang a balance in your window with our dainty cut-out showcard in colours on the lower hook, showing a baby actually being weighed, and you will soon be re-ordering.

SOLPORT BROS.,

184 to 190 Goswell Rd., London, E.C.

Obtainable through all Wholesale Houses.

THE "MILNER" STRAW HAT CLEANER

Sells Well Everywhere.

IT IS EASILY USED, AND GIVES COMPLETE SATISFACTION.

Price 2d. a packet.

Bonus of 6 packets given with each gross.

CHEMISTS' OPINIONS.

"It is really marvellous how this line sells."

"My customers speak highly of it."

NOTE—Please see the trade mark and name on each package.

PRICE LIST.

3 dozen 4/- ...	2 gross 2½ % ...	13 to doz. for cash
6 dozen 7/- ...	5 gross 5 % ...	with order.
12 dozen 13/- ...	10 gross 7½ % ...	Carriage paid.

Showcards, Window Slips, &c., supplied with each order.

Milner's Chemical Co., Liverpool.

BRITISH MADE

SAFETY RAZORS

Blades and Cases. 36 Varieties.

WRITE FOR LIST.

WILLIAM P. KELLAND, 36 and 37 Camomile Street, LONDON.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF 1916 MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7½d.	5/-
" " " " " "	1/2	10/-
" " " " " bottles in cartons	1/6	12/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema } 1/6 12/-

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

"A1" SEEDS

FLOWER and VEGETABLE

IN PICTORIAL 1*d*. PACKETS.

New Special 3d. line, Vegetable Seeds only, for Allotment Trade.

There will be a *large* trade in *Vegetable* Seeds this year, and Chemists should take advantage of it.

A1 MENTHOL SNUFF (in Oak Design Tin).
P.A.T.A. 3½d., 2/1 doz.; 6 doz., 1/10; 1 gross, 20/6.

COLD CREAM (in Tubes).
Quality 1. 3/-, 3/6 and 5/6 doz. In Bulk, 1/2 lb. Best Quality.
" 2. 2/9, 3/3 and 4/9 " " 9d. lb. "M" "

TOILET LANOLINE (in Tubes).
2/9, 3/3 and 4/9 doz.

OATMEAL CREAM. 3/-, 3/6, and 5/6 doz.

FORMALIN AND MINT TOOTH PASTE.
In Collapsible Tubes, each in a carton, 4/- doz.

THYMOL TOOTH PASTE. ... " "

WHITECROSS TOOTH POWDER (Two Sizes).
Small, 3/- doz. 3 doz. 2/9 6 doz. 2/6 1 gross 27/-
Large, 4/- " 3 " 3/9 6 " 3/6 1 " 39/-
This is a splendid selling line, having received the Certificate of Merit from the Institute of Hygiene.

PRIMROSE TABLETS.
A very fast selling 1d. line for Winter, 8/- gross.

SPECIAL QUOTATIONS FOR QUANTITIES.

SHIRLEY BROTHERS, LIMITED,
Whitecross Works, London, S.E.

SALICYLIC ACID, B.P.

HOLT, THOMPSON & CO., LTD.

6 College Lane,

Telephone: Royal 2060. **LIVERPOOL.** Telegrams: "Salol Liverpool."

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE YET PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

7 Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

B. BROWN & BRO.

Importers and Exporters

DRUGS, CHEMICALS & VEGETABLE OILS

280 BROADWAY, NEW YORK, U.S.A.

WE INVITE ENQUIRIES:
FOR THE FOLLOWING:-

ZINC OXIDE "PURISS"
Finest and Lightest 99·8%.

"XYSOL"
A British-made LYSOL.

LANOLIN ANHYDROUS
Very good pale.

SALICYLATES, etc.

EMULSIONS
Cod Liver Oil, Petroleum, etc.

PARAFFIN LIQUID B.P.
Finest Russian Oil.

CRETA PRECIP. 'G.W.N.'
Finest and Lightest made.

BEECHWOOD CREOSOTE

SYNTHETIC OTTOS
"A Triumph of Synthetic Chemistry."
"C. & D."

P. GUM ACACIAE
Special fine White Powder.

IMPORTERS OF

EUCALYPTUS OIL. CHAULMOOGRA OIL.
COD LIVER OIL and CASTOR OIL
and COPAIBA BALSAM B.P.

Licensed Compounders of Tinctures, Essences, Spirits, Perfumes, &c. in Bond.

AWARDS.

LONDON, 1881; VIENNA, 1883; CALCUTTA, 1884; CHICAGO, 1893.

H. E. STEVENSON & CO.,
122, GREAT SUFFOLK STREET LONDON, S.E.1

TELEPHONE: 1831 HOP. TELEGRAMS: "EKLIPS, LONDON."

SHAVING STICKS

ALL-BRITISH

GOOD DESIGN AND QUALITY.

6d. "THE FLAG," Cartoned, 33/- gross.

6d. "CREAM OF ROSES," Decorated Tin in four colours, Rose design on Cream ground, 50/- gross.

1/- ALUMINIUM HOLDER & FINGER PROTECTOR, 7/6 doz.

4d. TABLET, Cartoned, 2/3 doz. *Sample of each for stamps, 1/3*

C. A. STOKES & CO., Ld., 31,/35 Lower Castle, BRISTOL

Manufacturers of LIME CREAM, BRILLIANTINES and TOOTH POWDERS for LARGE BUYERS.

The British Dentifrice.

Jewsbury & Brown's

ORIENTAL

TOOTH PASTE

IN TUBES AND POTS.

JEWSBURY & BROWN

Ardwick Green, Manchester.

Dinkie

The Dainty Deodorant

A new and attractive line that is sure to enjoy good sales. A greaseless Cream that takes the odour out of perspiration. Daintily packed in opal jars. Ask your wholesaler.

DECOLTENE

The liquid hair remover

(originally known as Decolene)

A new idea in depilatories. Simple and safe to use—effective in use. Pleasant and harmless. Invaluable during the vogue of the décolleté gown. Daintily packed. Ask your wholesaler.

TRADE TERMS

Satisfaction Guaranteed or Money back

DINKIE:
Advertised, and min. Retail Price 2/6
Trade 20/- doz.

DECOLTENE:
Advertised, and min. Retail Price 3/9
Trade 30/- doz.

Monthly Accounts nett. 5% Cash with Order.

Carriage Paid on £1 lots. Particulars on request.

Trade Mark

ROBARTES LTD.

128 Jermyn Street, London, S.W.

Telephone: Gerrard 3672

LABORATORY OF GENERAL PHARMACOLOGY,

8, Rue Vivienne, Paris.

LONDON AGENTS:
WILCOX, JOZEAU & CO., 49, Haymarket, S.W.

CHAPOTEAUT'S CAPSULES of PHOSPHOGLYCERATE of LIME.

THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.

Sold by all Chemists.
Wholesale: 8, Rue Vivienne. PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES

MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.

It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.

SOLD BY ALL DRUGGISTS.

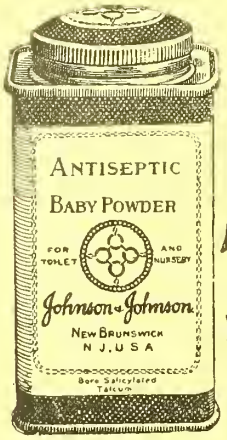
CHANDRON'S DROPS

(Gouttes des Colonies)

A harmless antiseptic preventative against CHOLERA FERMENTATION - INDIGESTION & other intestinal disturbances.

SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.



ANTISEPTIC BABY POWDER

MANUFACTURED BY

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING.

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

Look for the Name and Trade Mark

JOHN TIMPSON & CO., Ltd.,
104 Golden Lane,
LONDON, E.C.

A powerful antiseptic and deodorant.

"PETAL DUST" REGD.

The greatest of all floral air-purifiers.

A concentrated combination of the choicest flowers, aromatic herbs and roots, with the rare spices and gums of Arabia. "PETAL DUST" has been the favourite perfume of all classes for over half a century and still commands the largest sale of any dried perfume in the world.

Retails in 3d. and 6d. packets

Attractive Showcards, Counter Bills, etc., with customer's name and address on each packet, for orders of 5 gross and upwards.

SOLE PROPRIETORS—

THE ROSMARINE MANUFACTURING COMPANY,

STAMFORD STREET, LONDON, S.E.

CITY DEPOT: H. C. QUELCH & CO., LUDGATE SQUARE, LONDON, E.C.

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO.
LIVERPOOL - - - MANCHESTER

Cable Address: "BURNSIDE." Code: A B C, 5th Edition.

EUCALYPTUS OIL, Rectified

Eucalyptol content 70 to 80%
Optical rotation .... 0 to 1
Specific Gravity .... ·919 to ·928

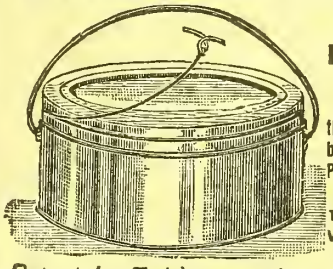
ABSOLUTELY FREE FROM PHELLANDRENE.

Quotations by cable. Wholesale trade only.

BURNSIDE & COMPANY
EUCALYPTUS OIL DISTILLERS.
EAGLEHAWK, VICTORIA, AUSTRALIA.

The Northern Tin Canister Works,

6 Mersey Street,
LIVERPOOL.



We manufacture for the paint trade in all its branches—Decorated and Plain work.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Patent Air Tight Slip-lid Tin for Export.

Prompt Deliveries Assured.

OILS

CASTOR. GROUNDNUT.

R. D. GALBRAITH & CO.,
11 BILLITER SQUARE, LONDON, E.C.

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce.
12 ounce.
WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce.
1 " 2 "

Lowest Market Prices Charged.

BLUE LOTION BOTTLES, all sizes.

CORKS. Superior quality. No advance in price.
6 and 8 ounce ... ... 1s. per gross, in 6 gross bags.
Vials ... ... 10d. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W. 1,
or ISLINGTON BOTTLE COMPANY,
7 New Inn Yard, Tottenham Court Road, London, W. 1.
Orders sent to either establishment have attention.
Established 100 years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

You Reap the Profits!

The above is only one of the many forceful advertisements now appearing in the most influential National publications and Fashion periodicals telling housewives that Iron-mould is no longer immovable. MOOVOL contains no injurious acids and is not harmful to the most delicate fabric.

ARE YOU PARTICIPATING IN THE PROFITS?

Send a P.C. for trial stock and display material to

WM. EDGE & SONS, LTD., BOLTON, LANCS.

(THE DRUMMER DYE PEOPLE.)

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.

Delta Works . Bootle . Liverpool.

Packed in barrels, kegs, and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition.

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

'Phone: 186 Bootle. Wires: "Cestrian Liverpool."

DR. EVAN WILLIAMS'

ORIGINAL

A Business Vitalizer, something with Real Force behind it.

Apply for Descriptive Price List and Trade Terms.
289, OXFORD ST LONDON, W.

HENNA SHAMPOO

ARE YOU AWARE

that large profits are being made out of

TOZANA

Now being extensively advertised to the Public.

HAIR FOOD

"Nourishes the Roots." A new and wonderful discovery for the rejuvenation and preservation of the hair, which, in the gentlemen's strength, is also an

EXCELLENT FIXATIVE DRESSING.

Prepared in two strengths—"Ladies'" & "Gentlemen's." Retailed at 2/-, 3/6 and 5/- per bottle; Trial size, 1/-.

For trade prices inquire of your wholesaler, or direct to the

TOZANA PERFUMERY Co. Ld. TOZANA HOUSE, KING'S CROSS, W.C.

WRITING INK POWDER

As supplied to Govt. Depts. and the principal Railway Cos. Saves 98% Freight. Suitable for any Climate.

ALSO

WRITING INKS, COPYING INKS, GUMS, PASTES, INK POWDERS, STENCIL INK.

T. WEBSTER & Co.

Diamine Works, LIVERPOOL.

STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS
USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: :: *Literature on demand.*

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRERES
92, RUE VIEILLE DU TEMPLE, PARIS.

SUBITOL

The product of an allied country PERFECTLY REPLACES

ICHTHYOL

In 4 oz., 8 oz., and 1 lb. Tins, also in bulk quantities.

To be had from Wholesalers, or direct from

CHAS. ZIMMERMANN & CO. (Chemicals), Ltd. (British Firm), 9 & 10 St. Mary-at-Hill, LONDON

DUE SHORTLY

Soda Salicyl. Veronal
Soda Benzoate Resorcin
Acid Benzoic Silver Nucleinate

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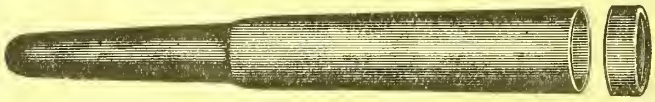

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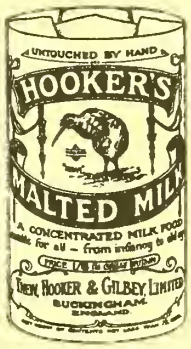

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DISORDERS of the LIVER, GOUT,

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VICHY-ETAT PASTILLES.

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REAL TURTLE Soup Cubes

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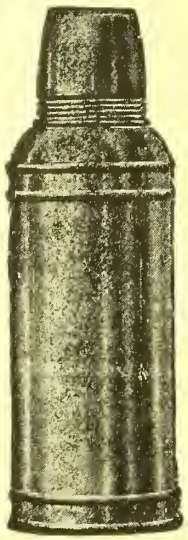

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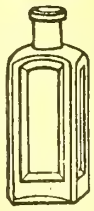

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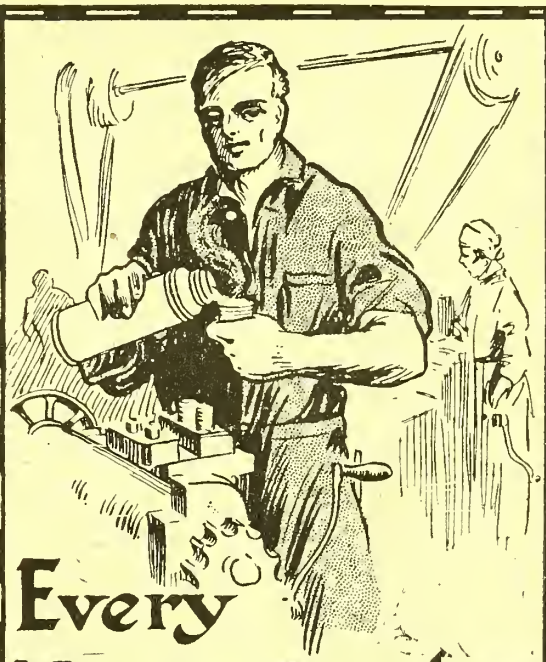

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Offer open for a *limited* time only.

T.M. GIVES THE PROFIT WORTH WHILE. T.M.

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Head Office: 42 CANNON STREET, LONDON, E.C.
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Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

CONTENTS: No. 12 (Series No. 1939), Vol. 89.

	PAGE
Associations Winter Session	45
Bagdad and Pharmacy	37
Books, New	44
Chemical Society	34
Coming Events	33
Company News	38
Contracts	36
Correspondence:	
Howards' Goods, Empties, Venereal Diseases Bill, etc.	51
Legal Queries	52
Miscellaneous Inquiries	52
Deaths	39
Easter Holidays	35
Editorial Articles:	
Sugar Shortage	42
Medicinal Plants	43
Insurance Dispensing in Scotland	43
Russian Trade, Clinical Thermometers, Empties	44
English News	35
European War	33
French News	37
Information Department	41
Insurance Act Dispensing	40
Irish News	38
Legal Reports	36
Military Tribunals	48
Observations and Reflections	41
Personalities	48
Pharmaceutical Society of Ireland:	
Council Meeting	34
Poisonings	36
Retrospect	52
Scottish News	37
Trade-marks	41
Trade Notes	47
Trade Report	49
Veterinary Notes ... *Col. Supp.*	
Westminster Wisdom	39
Wills	39

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Sunday, March 25.

Pharmacists' Volunteer Corps, Duke of York's headquarters, Chelsea, S.W., at 9.30. Parade, followed by lecture on sanitation and stretcher drill. The first-aid examination will be held on March 28, 29, and 30.

Thursday, March 29

North London Pharmacists' Association, Anderton's Hotel, Fleet Street, London, E.C., at 8 P.M. Social evening in aid of the funds of the Great Northern Central Hospital. Tickets (4*s.* 6*d.* each) from Mr. Herbert Skinner, G.N.C. Hospital, Holloway, N., or Mr. A. H. Jenkin, 54 Wray Crescent, Tollington Park, N.

Friday, March 30.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Professor J. H. Jeans on "Recent Developments of Molecular Physics."

Harrogate Pharmaceutical Association, at 8 P.M. Round Table Conference on "Problems and Profits." Jay Mack will contribute a special introductory article.

GLYCERIN.—Information has been received in India that the manufacture of medicinal glycerin in the United Kingdom has been stopped, and that the Ministry of Munitions have asked that the demand in India for medicinal glycerin and glycerin for other services may be reduced to a minimum.

European War News.

Import and Export Notices.

FRANCE.—The prohibition imposed by the law of April 6, 1910, has been extended to the sale in, and importation into, France of tube feeding-bottles so as to cover also infants' "comforters" and teats manufactured with products other than pure rubber, vulcanised by a process other than hot vulcanisation, and not bearing, together with the manufacturers' or traders' mark, the special indication "Caoutchouc pur."

NETHERLANDS.—The exportation of charcoal, wood-tar, and wood-tar pitch has been prohibited as from March 9.

SWEDEN.—Resin pitch, wool-fat pitch, Röntgen-ray apparatus, nitric acid, chromo alum, and fly-papers have been added to the list of prohibited exports.

SWITZERLAND.—As there appears to have been some misapprehension in regard to the Proclamation issued on March 13 (see *C. & D.*, March 17, p. 33) prohibiting the exportation of certain articles from the United Kingdom to Switzerland, the Board of Trade desire to draw attention to the fact that the Proclamation does not in any way modify the arrangements made between the Société Suisse de Surveillance Economique and the United Kingdom regarding trade with Switzerland. The effect of the Proclamation is merely to prohibit the exportation to Switzerland of certain articles which could, before the issue of the Proclamation, be exported without a licence to that country if consigned to the Société Suisse de Surveillance Economique. These articles can now only be exported to Switzerland under licences granted by the War Trade Department. The schedule to the Proclamation embraces all the articles which have hitherto been required to be consigned to the Société. The exportation of most of these articles to Switzerland is already prohibited except under licence.

Personalia.

FLIGHT SUB-LIEUTENANT J. A. PIQUET, R.N.A.S., is a son of Mr. F. G. Piquet, the well-known Jersey chemist.

SECOND-LIEUTENANT A. W. SMYTHE, who has been awarded the Military Cross for services rendered in Mesopotamia, was a member of the South American staff of Borax Consolidated, Ltd., London.

MR. ALFRED H. ASHCROFT, who was traveller to J. Savage & Co., Ltd., wholesale druggists, Bradford, is now serving in the Navy on board a new battleship. Two other employés in the business, Messrs. P. J. McDonough and H. Fullalove, are serving in the Army.

BOMBARDIER R. V. EDWARDS, of Penzance, whose death from wounds received in action was reported in last week's *C. & D.*, was one of the earliest members of the Mount's Bay V.T.C., and when the great call came he joined the Cornwall Royal Garrison Artillery. He had been at the Front a year with an anti-aircraft battery. A tribute to her late husband's soldierly qualities has been received by the widow from an officer, who added that her husband's knowledge of medicines contributed much to the maintenance of the health of the men serving with him.

LIEUTENANT REGINALD C. RUTTER, of the Australian Medical Corps, Second Ambulance Section, has been visiting London, but is returning to France in a few days. Lieutenant Rutter is a pharmacist, and a partner in Rutter & Sons, Queen Street, Brisbane, Queensland. He had been a Volunteer before the war broke out, and rejoined then, being attached to the Medical Corps in the first place as a dispenser, in which capacity he served in Egypt. His work became more onerous as time went on, and he has been doing excellent ambulance-work in France, being now marked for further promotion.

Miscellaneous.

GOLDBEATERS' SKIN.—An Order made by the Admiralty under the Defence of the Realm Regulations prohibits dealings in unmanufactured bung-gut skins or goldbeaters' skin except with an Admiralty permit.

ENEMY FIRMS.—A new list of additions to the statutory list of firms of enemy nationality or enemy association with whom persons in the United Kingdom are forbidden to trade has been issued by the Controller of the Foreign Trade Department. The countries concerned are Argentina and Uruguay, Bolivia, Brazil, Chile, Colombia, Ecuador, Netherlands, Netherlands East Indies, Norway, Spain, Sweden, and Venezuela. The list comprises seventy-one names, including Federico Bayer & Co., Barcelona, Spain, and the Algemeene Nederlandsche Chemische Maatschappy N.V., Kuiperstraat 48-50, Amsterdam.

Sandflies in Mesopotamia.—Correspondents communicate to "The Times" the following formulas for mixtures which are said to be a protection from sandflies and mosquitos:

Oil of cassia, 1 part; brown oil of camphor, 2 parts; vaseline or salad oil, 4-5 parts, or lanoline; mix well and smear on the skin in small quantities.

Oil of citronella (more easily procured at Karachi or Bombay than in England).

Essential oil of lavender and methylated spirits in equal parts.

Equal parts of oil of eucalyptus, oil of anise, and oil of turpentine.

We give these as they are printed, although they are capable of improvement. Oil of pennyroyal is also mentioned. The correspondent who remarks upon citronella oil apparently does not know English druggists so well as Indian bazaars.

Leicestershire Volunteer Regiment.—A special parade of this regiment, to which the Pharmacists' Sanitary Company is connected as a separate unit, was held on Sunday, March 18, in Victoria Park, Leicester. Colonel Sir Charles Seely, Bart., and Mr. Percy Harris, M.P., addressed the regiment, and evinced considerable interest in the pharmacists' company. Afterwards the Mayor presented awards for bravery in action to non-commissioned officers of the Leicestershire Regiment. Then followed an interesting presentation of the Belgian Croix de Guerre to Pierre Raedemaekers, a young Belgian, who enlisted at the commencement of the war in the Belgian army, and performed a great act of bravery on October 25, 1914, in rescuing thirty-five wounded Belgians from German barbarians. Subsequently the young hero was seriously wounded in the thigh, and transferred to the Military Hospital at Leicester. Afterwards obtaining his discharge, he became an assistant to Mr. G. E. Marfitt, dispensing chemist, Infirmary Square, with whom he is still.

Pharmaceutical Society of Ireland.

Council-meeting.

Mr. James Tait (President) took the chair at the meeting held at 67 Lower Mount Street, Dublin, on March 13, other members present being Mr. G. D. Beggs (Hon. Treasurer), Dr. A. J. Barnes, Messrs. Thos. Batt, J. E. Connor, J.P., John Smith, D. M. Watson, A. Owen Wells, and W. F. Wells. Mr. Michie (Vice-President) and Mr. R. Blair sent expressions of regret for being unable to attend. The business of the day was light.

Miss R. Murphy and Mr. J. Mulreany submitted certificates from other bodies, and were admitted to preliminary registration.

The following wrote notifying

Changes of Address:

Mr. Samuel McLoughlin, Ph.C., from Newry to 149 Old Park Road, Belfast.

Mr. Wm. Wright, Ph.C., from Tipperary to 2 Warrant-officers' Quarters, Military Barracks, Tipperary.

Mr. James Wallace, Ph.C., from Belfast to The Square, Tandragee, co. Armagh.

Mr. James Wellwood, Ph.C., to 4 Candahar Street, Belfast.

Mr. Ion A. Clarke, Ph.C., from Blackrock to Main Street, Portrush.

Mr. M. C. Moroney, R.D., to the Drug Hall, Scariff, co. Clare.

Mr. Thomas Nelson, R.D., from Dublin to Dromore Street, Rathfriland, co. Down.

Mr. William Wallace, R.D., from Belfast to 12 Mayfield Road, Aigburth, Liverpool.

Other Business.

The Registrar (Mr. A. T. Ferrall) submitted a certificate of the death of Mr. Robert J. Dillon, M.P.S.I., late of Loughrea, co. Galway.

The British Pharmaceutical Conference was thanked for its Year-book, 1916, and the Pharmaceutical Society of Great Britain for the 1917 Calendar.

Miss Sheila Forde, Ph.C., Castlerea, co. Roscommon, was nominated for membership. Reports from the Law Committee and the House Committee were considered and adopted.

American Synthetic Indigo.—The Dow Chemical Co., of Midland, Michigan, U.S.A., is producing synthetic indigo to the extent of 400 lb. per day. The capacity will be increased until it reaches 5,000 lb. per day.—*New York Commercial*

Chemical Society.

Dr. Alex. Scott presided at the meeting in Burlington House, Piccadilly, W., on Thursday evening, March 15, when Mr. A. Chaston Chapman, F.I.C., delivered a lecture on *Some Main Lines of Advance in Modern Analytical Chemistry*. There was an excellent audience. In his introductory remarks the lecturer spoke of the seeming decadence of analytical chemistry, but he maintained that it is as much alive to-day as it ever has been, and he emphasised the directions in which it has progressed during recent years, so that analytical chemistry calls for a very high degree of mental ability, adaptability, and discipline, coupled with great alertness and a capacity for research. Following on the great generalisations of the middle of last century, those on "Solution," by Van t'Hoff and Arrhenius, the theory of electrolytic dissociation, and other advances, came a great welding of the analytical chaos. The introduction of the conductivity method for determination of the neutrality of liquids led to a fuller knowledge of the use of indicators, while insight into the mechanism of such phenomena as the colloidal state has led to the solution of many knotty problems in biological and technical chemistry. The lecturer showed that the strictest attention to detail has always been necessary in chemical analysis, and he gave examples. With regard to improved apparatus the polarimeter and refractometer were specified and their uses indicated. One result of the employment of these fine physical methods was that the analyst again came into his own. Continuing, Mr. Chapman mentioned the uses of phenylhydrazine, phloroglucinol, digitonin, and picric acid as new reagents, dealing also with the application of these to organic analysis. He also mentioned tests for nitrates and nitrites with such reagents as diphenylamine, metaphenylenediamine, and the direct method of estimating nitric acid with "nitron" (diphenyleneanilo dihydrotriazole), which gives an insoluble nitrate, the precipitation being quantitative. Nitron also precipitates picric acid, and so forms a convenient and easy means of estimation of nitrates even when as little as 4 milligrams is present. The separation of pairs of metals like iron and aluminium, copper and cadmium, nickel and cobalt, by means of nitroso-β-naphthol was also dealt with, and it was stated that dimethylgloxime shows 1 part of nickel per million even in presence of 5,000 times its weight of cobalt. Passing to biological methods Mr. Chapman gave a *résumé* of the use of yeasts as a means of determining and separating sugars of the hexoses. Different yeasts contain different enzymes, which were capable of fermenting different sugars. Most yeasts contain invertase, so that they ferment such sugars as cane-sugar and dextrose. The constancy of enzyme-production by each species of yeast permits their use in analysis, no alteration in the properties of the secreted enzyme being produced by environment or the nature of the food supplied. Moulds which secrete enzymes can also be used in this way. By means of this differential fermentation many analyses of complex carbohydrate mixtures had been performed. He also spoke of "precipitin" reaction, used in medico-legal work, in food-analysis, etc. It depends on the fact that if the serum of one animal be injected into a second animal the serum of the latter will produce a precipitate only with the serum of the first. This principle has been applied to the detection of horse-flesh in sausages, the recognition of human blood-stains, and even to the analysis of milk and honey. In concluding, Mr. Chapman advocated the foundation of a chair in analytical chemistry in each of our Universities, the Professors to hold equal rank with those of the other branches. Sir Wm. Tilden, Colonel Smithells, the President, and other Fellows spoke in appreciation of the lecture, which was one of the most interesting that have been delivered to the Society during recent years.

Opium for Medicinal Purposes.—The production of opium for the manufacture of morphine in Europe is being vigorously taken up by the Indian Agricultural Department, and Mr. Annett, agricultural chemist at Dacca, has been deputed to Cawnpore to assist the economic botanist in the necessary investigations.

Maximum Prices for Soda have been fixed by the German Imperial Chancellor from January as follows:

(*a*) For calcined soda (ammonia soda, Le Blanc soda, powdered soda), 16.50m. per 100 kilos. in quantities from 50 to 500 kilos., 0.26m. per kilo. in quantities under 50 kilos.

(*b*) Crystallised soda, wholesale price for manufacturers, 8.75m. per 100 kilos.; retail price, for quantities above 50 kilos. 11m. per 100 kilos., and for quantities under 50 kilos. 0.20m. per kilo.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Cocoa from British Possessions.

In further reference to the restrictions on the importation of cocoa recently announced by the Prime Minister, an official notice has been issued by the Under-Secretary of State for the Colonies, that arrangements have now been made by which the exportation of cocoa from the Gold Coast to the United Kingdom will be prohibited except under licences granted by the Colonial Government, who will restrict the total amounts so licensed to 50 per cent. of the previous year's exports to the United Kingdom, and will allocate the amounts to be exported among the exporters on an equitable basis. Similar arrangements are being made in regard to Nigeria, Trinidad, Jamaica, and the Windward Islands. [On February 28, 1917, there was a stock of 960,000 lb. raw cocoa in the bonded warehouses of the United Kingdom, compared with 496,000 lb. and 213,000 lb. on the corresponding dates of 1915 and 1916.—EDITOR *C. & D.*]

Easter Holidays.

Business houses connected with the drug-trade are now making arrangements for the Easter holidays, and up to Wednesday of this week we had received advice from the following London houses that they will be closed from Thursday evening, April 5, to Tuesday morning, April 10:

Stafford Allen & Sons, Ltd., Cowper Street and City Road, E.C.
Burroughs Wellcome & Co., Snow Hill Buildings, E.C.
T. Christy & Co., Old Swan Lane, E.C. 4.
Goodall, Backhouse & Co., 54 Southwark Street, S.E.
S. Maw, Son & Sons, 7-12 Aldersgate Street, E.C.
May, Roberts & Co., Ltd., 7-13 Clerkenwell Road, E.C. 1.
T. Morson & Son, Ltd., 14 Elm Street, Gray's Inn Road, W.C.
Parke, Davis & Co., Beak Street, Regent Street, W.
"Sanitas" Co., Ltd., Locksley Street, Limehouse, E.
T. & H. Smith, Ltd., 25 Christopher Street, E.C.
Sparks, White & Co., Ltd., Tenter Street East, E.
William Toogood, Ltd., 77 Southwark Street, S.E.
Thomas Tyrer & Co., Ltd., Sterling Chemical Works, Stratford, E.
Mr. Vincent Wood, 91 and 93 Newington Causeway, S.E.

Closing on Good Friday and Easter Monday:

Burgoyne, Burbidges & Co., Ltd., East Ham, E., and Coleman Street, E.C.
Howards & Sons, Ltd., Ilford E. (office).

All firms have not decided about their arrangements, but we propose to print an additional list next week. Several firms (*e.g.*, Maw and Tyrer) tell us that independent arrangements are made for their war departments according to instructions from headquarters. THE CHEMIST AND DRUGGIST for April 7 will close for press (literary pages and Supplement) on Wednesday, April 4, and the office will be closed from Thursday evening until April 10.

Extension of the Employers' Register.

An Order in Council, dated March 13, and published in the "London Gazette," March 13, provides that in Defence of the Realm Regulations 41a (which lays upon employers in Great Britain the duty of keeping a register of all male employés between the ages of eighteen and forty-one) the words "of sixteen years or over" shall be substituted for the words "between the ages of eighteen and forty-one" wherever they occur except in paragraph (iii) of Sub-Section (3), where the words "all other male persons of sixteen years or over" shall be substituted for the words "male persons not being between the ages of eighteen and forty-one." Reference to the forms was given in the *C. & D.*, January 20, p. 33, and in regard to that statement the new Order in Council carries out alterations which were made in the January 10 Order. These we have embodied here in italics as under:

"STATEMENT No. II.—A Statement, in the form shown in Table No. II. annexed to this Regulation, of the number of female persons (if any) *of sixteen years or over* for the time being employed by him who have been so employed for one week or more.

SUB-SECTION 2.—(*c*) *In Great Britain* he shall forthwith deliver to the Recruiting officer for the locality in which those premises are situated, a true copy of every such Statement prepared by him, and thereafter shall deliver to such recruiting officer during the first week in each calendar month a written report showing any alterations and additions to the said Statements down to the last day of the preceding calendar month.

SUB-SECTION 2.—(*d*) *He shall, if and when required by the Director-General of National Service, either by general or special notice, furnish to the Director-General a true copy of any such statement as revised for the time being.*"

It is also provided that in paragraph (iii) of Sub-Section (3) for the words "and also showing" there shall be substituted the words "or a register showing," and for the words "the said register" there shall be substituted the words "either of the said registers." Sub-Section (7) is to be omitted. Table No. I. is replaced by another providing for a statement of "all male employés of sixteen years or over." Table No. II. is also amended so that persons "of sixteen years or over" are specified as applicable to both males and females.

Birmingham.

Measles of a mild form is greatly on the increase in Birmingham.

Mr. John Humphreys, M.D.S., has presented to the University an odontological museum.

Professor Robert Saundby, M.D., has resigned his chair at the University on account of ill health.

The late Mrs. Wheeley Lea bequeathed 2,000*l.*, free of legacy duty, to the Worcester Infirmary.

The changes in the postal arrangements in this city are so frequent that it behoves all to watch the notices to prevent delay and disappointment in the transit of letters.

Liverpool.

Most of the Liverpool steamers which have been sunk by Hun "U" boats since the commencement of the war were wont to replenish their medicine stocks from the local pharmacies. This trade has declined somewhat, but some recovery is now shown.

The *C. & D.* leader on the Venereal Diseases Bill before the House of Lords has attracted general notice, and many telephonic and other conversations have ensued. It is felt that the need of united action has become imperative, and that the lead given so promptly must be followed by the drug-trade as a whole.

Evidence of the renewed heat of the sun has been seen in two glass accidents. A pharmacist who opened his air-tight window-case on Sunday was assailed by a strong odour of lavender-water. He found that the sun had burst a large bottle, and that the escaped perfume had saturated some leather cases containing brushes. Another pharmacist reports that the sun's rays, by concentration through a window-carboy, set a card of sponges on fire. In this case an immediate discovery minimised the damage.

The general office of Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, was the scene of an interesting leave-taking recently. On behalf of the staff, Mr. William P. Evans (director) presented Mr. Guy Monckton Scott, office manager, with a silver cigar-case, cedar lined and suitably inscribed, as a memento of the happy days spent in the business, and on the occasion of his resignation in order to take up a still more important appointment in London. Mr. Scott had spent about ten years at the Hanover Street headquarters, where for the last three years he had been office manager. Mr. Evans, in handing the artistic gift to Mr. Scott, testified to the latter's abilities, efficiency, and the pleasant co-working of manager and staff. In reply, Mr. Scott thanked Mr. Evans for his appreciative tribute, and expressed gratitude to the staff for their tangible token of the mutual good feeling which had prevailed. A few words from Mr. Malvern (warehouse manager) indicative of the regret of his department at the severance with Mr. Scott concluded the ceremony. Mr. L. J. Prinney has been promoted to succeed Mr. Scott.

Manchester

As the result of one of the severest outbreaks of measles in Manchester no fewer than 600 cases were notified last week.

If rumour is "no lying jade" a prominent official of the local Association is to be in the running at the coming Pharmaceutical Council election.

Most chemists are finding great difficulty at present in keeping up with the demands of their customers. The wholesale houses are woefully short of stock, and if one gets 50 per cent. of his order he is very thankful.

With the advent of spring-like weather the demand for sulphur-tablets, blood-purifier, and health salines has commenced. Spring-cleaning requisites are now being asked for, although increased cost has somewhat diminished the sales. Turpentine is 10*d.* and 1*s.* per pint, and methylated spirit 1*s.* 4*d.* to 1*s.* 6*d.*

The amount of glycerin and syrups now being prescribed for Insurance patients is causing most chemists to think seriously of protesting to the Insurance Committee that unless steps are taken to prevent or curtail this, they will be compelled to refuse prescriptions, as it is almost impossible to obtain either glycerin or sugar.

Amateur photographers, of whom there are still a few, received a further shock on the news being broken to them

of the latest rise in plates and papers. Quarter-plates at 2*s.* 3*d.* doz., half-plates at 5*s.* doz., and postcards up another 4*s.* per 1,000 to the trade, means that the photographic business will almost receive its death-blow.

Sheffield.

The great majority of panel and non-panel chemists have agreed to undertake service under the proposed new scheme for the dispensing of private prescriptions of medical men.

Mr. E. A. Craven, of Bridgehouses, who is now devoting all his time to pharmacy, having given up the sub-postmastership, has a very neat and attractive window-display. He divides his windows into four sections. At present he is making a show of "Ucapine" and Southall's cod-liver oil with a background of their Norwegian works, and a model Norwegian boat in the foreground.

Mrs. E. V. Lloyd has resigned her position of dispenser and assistant-commandant of the Wrexham Military Hospital on account of ill-health. The Committee reported that the application to the D.D.M.S. Chester to grant Mrs. Lloyd a gratuity had been refused on the ground that there is no Army Council Order under which it can be paid. Miss Christine Thomas has been appointed dispenser and clerk to the Matron.

Contracts.

The following are among the tenders for chemists' goods which have been accepted by Boards of Guardians in the places named :

Bishop's Stortford.—Parrott's, Ltd.; Oxo, Ltd.; Sanitas, Ltd.; Camille Simon, Ltd.; and Radna Manufacturing Co., for medical sundries.

Blean.—Mr. A. Lander, Ph.C., Canterbury, drugs.

Boston.—Mr. S. J. Hurst, drugs.

High Wycombe.—Holland, Barrett & Housden, cod-liver oil and quinine; Whalley's Sanitary Fluid Co., disinfectants.

Lambeth.—Corbyn, Stacey & Co., Ltd., 14*l.* 14*s.* 0½*d.*; Burgoyne, Burbidges & Co., Ltd., 5*l.*; Allen & Hanburys, Ltd., 4*l.* 2*s.* 10*d.*; Parke, Davis & Co., 8*l.* 17*s.* 6*d.*; Damaney & Co., 18*s.* 8*d.*; Boots, Ltd., 9*s.*; Menley & James, 12*s.*; Hospitals and General Contracts Co., 54*l.* 6*s.*; and Baiss Bros. & Co., Ltd., 16*l.* 13*s.*, drugs and druggists' sundries for the Children's Infirmary, Norwood.

Other contracts arranged include the following:

Beverley Town Council.—Mr. John Stanser, chemist and druggist, Beverley, as chemist for a year.

Blean Rural Council.—Jeyes' Sanitary Compounds Co., disinfectant-powder and soap; McDougall Bros., fluid disinfectant and fumigators.

Dorchester Town Council.—The Killgerm Co., Ltd., disinfectants

Isle of Thanet Joint Hospital Board.—Mr. J. Horrell, Broadstairs, chemist for a year.

Islington Borough Council.—Oxo, Ltd., extract of beef.

Kishton (Lancs) Urban District Council.—Killgerm Co., Ltd., disinfectants.

St. Pancras Borough Council.—E. Cook & Co., Ltd., primrose soap.

The War Office list of new contracts for February 1917 includes the following items:

Brushes: R. Addis & Son; Bidwell, Bidwell & Co.; G. B. Kent & Sons, Ltd.; S. Maw, Son & Sons; Titterton & Howard.

Chemicals: Barrett & Elers, Ltd.; A. Boake, Roberts & Co., Ltd.

Dental Outfits: C. Ash, Sons & Co., Ltd.; Dental Manufacturing Co., Ltd.

Medicines: Boot's Pure Drug Co., Ltd.; Borax Consolidated, Ltd.; Brunner, Mond & Co., Ltd.; Burgoyne, Burbidges & Co., Ltd.; Burroughs Wellcome & Co.; W. J. Bush & Co., Ltd.; W. B. Cartwright, Ltd.; Evans Sons Lescher & Webb, Ltd.; D. W. Greenhough & Son; C. R. Harker, Stagg & Morgan, Ltd.; Howards & Sons, Ltd.; Johnson & Sons (Manufacturing Chemists), Ltd.; May & Baker, Ltd.; T. Morson & Sons, Ltd.; Parke, Davis & Co.; Reynolds & Branson, Ltd.; Southall Bros. & Barclay, Ltd.; Standard Tablet and Pill Co., Ltd.

Methylated Spirit: Bellingham & Co., Ltd.; B. Biggs & Co., Ltd.; J. Burrough, Ltd.; Sutton, Carden & Co., Ltd.; Waters & Co., Ltd. *Solidified*: A. Vickers, Ltd., and C. Orme & Co.

Soap: Hull Oil Manufacturing Co., Ltd.; Price's Patent Candle Co., Ltd.; Sapon, Ltd.; J. Young & Sons (Springfield), Ltd.

Surgical Materials: Allen & Hanburys, Ltd.; Arnold & Sons; Cuxson, Gerrard & Co., Ltd.; British Oxygen Co., Ltd.; Burgoyne, Burbidges & Co., Ltd.; W. G. Fuller; J. L. Hatrick & Co., Ltd.; G. Haynes & Co.; Haywards, Ltd.; Imperial Light, Ltd.; B. Lees & Co., Ltd.; S. Maw, Son & Sons; G. Nutter & Sons; Swift & Goodinson; Vernon & Co., Ltd.; W. Vernon & Sons; T. J. Weeks & Sons, Ltd.; J. Weiss & Son.

Miscellaneous.

In Syria and Palestine the chemists' shops have exhausted their stocks of drugs and medicine. The Hon. Secretary of the Syria and Palestine Relief Fund, Church House, Westminster, asks for help.

Fire.—On March 14 a slight fire broke out at the rear of the pharmacy of Mr. J. Land, Coalville, Leicester. The fire brigade dealt promptly with the outbreak, confining the damage to the storeroom itself.

Early-closing Association.—The annual report which is to be presented at the annual meeting to be held at the Mansion House, London, E.C., on March 29, has been issued by the Early-closing Association, 34-40 Ludgate Hill, London, E.C. The progress made during the past year in nearing the early-closing ideals of the Association is the chief topic of the report.

The Wine-licence held by Mr. Ebenezer Langham, chemist and druggist, Downton, Wilts, came before the Magistrates at Salisbury on March 6. The police opposed the renewal, and it was explained that the applicant's son, who formerly held the licence, had gone abroad, and apparently made no proper arrangements for the renewal or transference of the licence to his father. The Magistrates refused the application.

Trade Restrictions.—On March 14 a deputation of members of the Federation of British Industries, the Employers' Parliamentary Association, the Association of Controlled Firms, and the British Manufacturers' Association waited upon the Earl of Derby, Sir E. Carson, Mr. Neville Chamberlain, and Dr. Addison in a Committee-room of the House of Commons, and urged the need of Government Departments consulting with employers before, instead of after, the issue of requisitions and of orders relating to labour or to the restriction of raw material.

Poisonings.—The week's reports of deaths from poisoning include the following: Dr. F. M. M. Omnanney, who was connected with the Caterham Asylum, was found dead in a street in the Strand district of London, having shot himself and taken cocaine hypodermically. A letter which he left behind stated: "The solution I purchased last evening of 5-per-cent. cocaine was not made up correctly. It fizzed when injected hypodermically. A dispenser's mistake. But anyhow wrong. My heart seems to want to stop. Not my fault. I wanted to see it out and let the Bosches have it. But it's all right, and I want no trouble made about anything."—At Ecclesfield an old lady named Bryant was certified by the jury at an inquest to have died from "an overdose of narcotic poison from cough-lozenges" and exhaustion from exposure to cold.

Irish News.

Brevities.

Claims on the estate of the late John Isaac Bernard, Ph.C., Dublin, are to be sent to the solicitor acting for the executors, Mr. Alfred E. Walker, 11 Westmoreland Street, Dublin, not later than April 17.

Mr. Wesley Sandford, who has won the gold medal for highest marks during 1916 at the Registered Druggist examination, served his apprenticeship with Henry & Faulkener, Cookstown, but has been for some time assistant to Mr. W. J. Henning, Larne.

J. & J. Haslett, wholesale druggists, North Street, Belfast, have forwarded to the Central Presbyterian Association, Belfast, the names and a cheque to cover the subscriptions of nineteen of their apprentices who desire admission to the membership of the Association.

At a meeting of the Council of the Belfast Chamber of Commerce on March 16, it was reported that the Wholesale Grocers' and Druggists' Section had elected Mr. William Blackstock as Chairman, and nominated Mr. E. W. Pim, J.P., as representative on the Council.

At Newcastle, on March 15, Lady Mabel Annesley, on behalf of the Royal National Lifeboat Institution, presented Mr. Robert Hastings, J.P. (Robert Hastings, Ltd.), with an aneroid barometer in recognition of his services when he volunteered and acted as bowman of the local lifeboat when the crew of the s.s. *Plasma* (eight in number) were rescued in a fierce gale in Dundrum Bay on October 27. The barometer is inscribed: "Presented by the Royal National Lifeboat Institution to Mr. Robert Hastings, J.P., Newcastle, for assisting to save life at sea. 1916."

Closing Hours.

It was reported at the last meeting of the Armagh Chamber of Commerce that the deputation which waited on the druggists and grocers to urge the earlier closing of shops was received very favourably, the opinion being general, with one or two exceptions, that the shops should be closed earlier. Further steps are being taken in the matter.

At the meeting of the Public Health Committee of the Cork Corporation a deputation was received from the chemists' assistants of the city requesting that the powers of the Shops Act be put in force so that chemists' establishments may be closed on weekdays at 10 P.M. and on

Saturdays at 10.30. It was stated that as a result of a poll twenty-one shops voted for the order out of a total of twenty-two. Mr. McCabe, solicitor, in support of the order, urged that the hours in Dublin are 9 P.M. and in London 8 P.M. It was preposterous that one man should defeat twenty-one others. Out of sixty assistants fifty-two were in favour of the order. The assistants in Mr. Fielding's establishment sent a deputation to protest against the enforcement of the order. Mr. French, who acted as spokesman, said Mr. Fielding employed the largest staff of assistants in Cork, and if the order were enforced it would add 11½ hours per week to the work. The Cork branch of the Irish Chemists' Assistants' Association forwarded a resolution signed by fifty-one members in favour of the order, but the Cork Medical Benefit Society objected to the order. Mr. Fielding wrote replying to a circular sent by the chemists and druggists in favour of the order, and said that all the signatories to the circular are firms who would not be affected. He submitted that it would be a great hardship that the business arrangement of chemists who give a night service to the public should be regulated to their disadvantage by those members of the trade who shut up their shops at the end of the day and make no provision for night calls. He also submitted that the order would press particularly on the poor. He asked that the proposed order to hamper his trade, and at the same time inconvenience the public, should receive no sanction from the Corporation. On a poll three voted for the order and five against, and it was decided to recommend that the order be not made.

Scottish News.

Edinburgh.

Sir Donald MacAlister, K.C.B., President of the General Medical Council, and Mr. George F. Merson, Ph.C., F.C.S., are amongst the recently elected Fellows of the Royal Society, Edinburgh.

Glasgow and the West.

Last week a woman died in the Royal Infirmary from the effects of accidentally drinking poisonous liniment.

The milder spring weather has created a demand for salines, sulphur lozenges, iron-and-quinine tonic, and the like.

Paisley Corporation is considering the advisability of opening a Municipal Sugar Shop for the proper distribution of sugar.

The pharmacy of Mr. Thomas Scott, chemist and druggist, The Cross, Motherwell, has been damaged by fire to the extent of 170*l*.

A centre has been formed in Glasgow of the National Council for Combating Venereal Diseases. Prominent citizens are on the Committee.

On March 13 the Glasgow Distress Committee considered a proposal to grow medicinal herbs at Palacerigg Labour Colony, and a Sub-Committee was appointed to inquire further into the matter.

Quite a number of West-country chemists are now busy in their spare moments digging up all their available ground. Even the shop back-yard, formerly relegated to empties, will, in the coming season, yield potatoes and the like.

The Glasgow Industries Fair was very successful. Some 80,000 visitors attended. Several stands were bought in their entirety, and excellent business transactions were carried through with many foreign countries, practically the whole world being represented, with the exception of enemy States and Norway and Sweden. Already applications for space have been received for the 1918 Exhibition.

A sale of aniline dyes and colours took place in the Masonic Halls, West Regent Street, Glasgow, on March 12. There was a large attendance of buyers from all parts of the United Kingdom. The lots ranged from 100 lb. to 224 lb. The following are some of the prices obtained: Pre-war standard Victoria blue B, 28*s*. per lb.; magneta crystals, 23*s*. per lb.; malachite green, 20*s*. per lb.; direct green B, 16*s*. per lb.; rhodamine carthamine, 15*s*. 6*d*. per lb.; Victoria blue B, 15*s*. per lb.; and standard direct red 10 B, 14*s*. per lb.

Pharmacy in Turkey.—An Austrian journal of pharmacy reports that Turkey is getting nothing from hostile countries, and Austria and Germany are doing so well that it is reported from Constantinople that a proposal to establish a factory for chemical and pharmaceutical products has been very favourably received.

French News.

(From the "C. & D." Paris Correspondent.)

Sergeant Lumiere, one of the brothers who were pioneers in cinema films, was recently killed in an aeroplane accident.

An Agricultural Chemicals Section has been added to the French Ministry of Agriculture, and M. Eugène Roux, the Director, is to study the supply of chemicals, such as fertilisers, weed-killers, and insecticides.

Saccharin.—In view of the proposed temporary permission of the use of saccharin within certain defined limits for sweetening foods and beverages, the French Minister of Finance considers that this substance should logically pay a tax proportional to that levied on sugar, thus making the saccharin-duty 200f. per kilo.

Bagdad.

The Cradle of Pharmacy.

I had dropped in to chat with my old friend Durand, the pharmacist and antiquary, and our conversation, naturally, turned on the war and the capture of Bagdad by the British. In the course of the talk he told me that Ctesiphon, on the Tigris, was the old Nestorian capital, and it seems pretty certain that the remarkable man we call John Mesué was a Nestorian. His father was an apothecary at Dschondisapour, a town in Khouzistan, which had a famous medical school where doctors from what is now British India met their Arabian colleagues. From there young Mesué went to Bagdad, another famous seat of learning. Haroun-al-Raschid, of whom you have read in the "Arabian Nights" (said Durand), was then reigning there, and we are assured that in his time (786-809) this historic city boasted a couple of million inhabitants, including 6,000 mollahs. The Arabs were tolerant in religious matters at the time. The Nestorian Patriarchate or Archbishopric had been removed from Ctesiphon to Bagdad in A.D. 762—*i.e.*, some years before Mesué's birth. The Christians had their own quarter of the city on "the Surrey side" of the Tigris. Young Mesué studied pharmacy at Bagdad, where a big college was founded in 631. It was provided with huge kitchens and bakeries, bath, a hospital, and a dispensary ("chamber for medicaments"). There was also a reference library of scientific and other works. Gabriel, who was at that time Haroun-al-Raschid's chief physician, took a kindly interest in young Mesué as a fellow-Nestorian. Mesué finished by taking Gabriel's place, and became himself the medical adviser of the Caliph, as well as superintendent of the great public schools and director of the city hospital. His house became the resort of all interested in the healing art, a sort of "Society of Medicine and Pharmacy." Mesué is known principally as a writer, and at the Caliph's request translated the important Greek works on medicine and pharmacy. Many have doubtless been lost, and we suppose what have come down to us to be mere fragments of his great life work. For Mesué long outlived the great Caliph, dying at the age of seventy-seven or so at Samarra, to which the British have advanced. It was at Bagdad that the first public pharmacies, in the modern sense of the word, were opened, and this occurred about the time of Mesué. We know that Bagdad boasted a "Perfumers' Street," which ran from the outer wall of the palace to the square where the great Mosque stood, and contained forty-three shops occupied by perfumers and distillers, as well as sundry flower-shops, etc. Besides Mesué there was among Bagdad pharmacists Geber, the famous chemist, whose life and works Berthelot studied. His real name was Jaber, and he is said to have been a native of Mesopotamia, born at Harran. Besides Mesué the elder, about whom the foregoing remarks were made, there was Mesué the younger, supposed to have been born in Mesopotamia at Mardin, on the Euphrates, in A.D. 928, and to have studied with Avicenna before he went to Cairo. He was a Jacobite Christian, and died in Egypt in 1015. The Jacobites were a smaller sect than the Nestorians, and though they were numerous at Bagdad, they never attained their ambition to have an archbishopric there. We are asked to believe that the first Pharmacopœia, the "Krabadin," by Sabour-Ehn-Sabel, head of the school of Dschoudi-Sapour, was published about this time, and the second by a bishop who was physician to the Caliph of Bagdad. This is only a rough outline of Durand's talk, but it shows that the capture of Bagdad reopens a very interesting chapter of pharmaceutical history, and anyone who wants more of it should turn up Wootton's "Chronicles of Pharmacy," p. 100.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Irvine Wright, Ltd. (P.C.).—Capital 500*l.* Objects: To carry on the business of dealers and workers in chemicals, proprietary articles, drugs, etc. The subscribers are J. W. Fisher and Mrs. M. Millison. R.O., 42 Wilson Street, E.C.

Zomela Co., Ltd. (P.C.).—Capital 100*l.* Objects: To carry on the business of pharmaceutical, manufacturing, and general chemists and druggists, etc. The subscribers are W. C. Rowe and W. A. Travell. R.O., Trent Street, Nottingham.

Duoform, Ltd. (P.C.).—Capital 500*l.* Objects: To carry on the business of manufacturers and dealers in proprietary remedies, etc. The subscribers and first directors are H. B. Pryor and A. R. Timcke. R.O., Cromwell House, High Holborn, W.C.

J. M. Davis & Sons, Ltd. (P.C.).—Capital 1,000*l.* Objects: To carry on the business of wholesale and retail chemists and druggists, etc. The subscribers and first directors are Mrs. W. A. Bosisio and Miss E. L. E. M. Davis. R.O., 37-8 Coventry Street, W.

Capt. W. A. Collings & Sons, Ltd.—Capital 1,000*l.* Objects: To carry on the business of manufacturers of and dealers in proprietary, medical, chemical and electrical articles, etc. The subscribers are F. G. Turtlebury and P. R. Fisher. R.O., 32-4 Theobald's Road, W.C.

Sterling Corporation (Great Britain), Ltd. (P.C.).—Capital 1,000*l.* Objects: To carry on the business of manufacturers of and dealers in surgical instruments, electrical apparatus, and chemists' sundries. The subscribers are H. Portlock and E. S. Walters. Solicitors: Reynolds & Son, 7 Arundel Street, W.C.

Bradford Chemists' Alliance Co., Ltd. (P.C.).—Capital 500*l.* Objects: To take over the business of wholesale and retail chemists, manufacturers of and dealers in chemists' sundries, etc. The subscribers are A. Faull, M. Firth, D. S. Priestley, and J. W. Thorpe, pharmacists. R.O., 127 Killinghall Road, Bradford.

Evan Williams Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over the business of manufacturers and dealers in toilet requisites, perfumery, and hairdressers' and chemists' sundries (including the "Original Henna Shampoo Powders"), carried on at 18 and 18A Ogle Street, W., as the "Evan Williams Co." The subscribers and first directors are F. A. Chaventre and Mrs. E. H. Chaventre. R.O., 18 and 18A Ogle Street, Fitzroy Square, W.

Liebig's Extract of Meat Co., Ltd.—The directors have declared a half-year's dividend of 2*s.* 6*d.* per share, being at the rate of 5 per cent. per annum, on the preference shares.

Borax Consolidated, Ltd.—The directors have decided to recommend a final dividend of 2*s.* per share, less tax at 4*s.*, on the deferred ordinary shares, making 15 per cent. for the year ended September 30, 1916.

Price's Patent Candle Co., Ltd.—The accounts for 1916 show a profit of 211,406*l.*, compared with 143,144*l.* for 1915. After various deductions the directors propose to apply a sum of 60,937*l.* in payment of a final dividend of 1*l.* 5*s.* and bonus of 7*s.* 6*d.* per share. This makes a distribution of 2*l.* 12*s.* 6*d.* per share, less tax, for 1916, carrying forward 22,209*l.*

T. & H. Smith, Ltd.—Mr. Donald Mackenzie presided at the annual meeting of the shareholders held at the Blandfield Chemical Works, Edinburgh, on March 15, when the report and balance-sheet as reported in the *C. & D.*, March 10, p. 74, were submitted and adopted. Mr. A. J. Billinghurst was re-elected a director, and the auditors were also re-elected.

Joint-stock Companies.—Notice is given in the "London Gazette," March 13, that the names of the following companies have been struck off the Register and the companies dissolved: All-Food Products, Ltd.; Anglo-American Kieselguhr Syndicate, Ltd.; Berry's Patent Disinfectant, Ltd.; Burlington Laboratory, Ltd.; Kataro Medicated Air Co., Ltd.; "N.I." Powder (Newman's Insecticide), Ltd.; and Pneumosan Chemische Fabrik, Ltd.

Lever Bros., Ltd.—The report for the year ended December 31, 1916, states that the balance standing to the credit of profit and loss is 1,354,607*l.* The directors propose to place 86,042*l.* to repairs, 99,393*l.* to depreciation account, 13,351*l.* to insurance reserve, to devote 70,209*l.* to prosperity-sharing with employés, including dividend on co-partnership certificates, to pay dividends on Fifteen per Cent. preferred ordinary shares, on Twenty per Cent. preferred ordinary shares, on Five per Cent. "A" preferred ordinary shares, a dividend on ordinary shares at the rate of 10 per cent. per annum, and to carry 4,312*l.* to reserve fund.

Southall Bros. & Barclay, Ltd.—The report of the directors for the year ended December 31, 1916, to be presented at the meeting to be held at the Grand Hotel, Colmore Row, Birmingham, on March 28, at 12 noon, states that the accounts, after providing for bad debts, depreciation, excess profits duty, and directors' remuneration, show a balance of profit of 24,075*l.* 11*s.* 8*d.* To this must be added the sum of 9,034*l.* 0*s.* 5*d.* carried forward last year, making a total of 33,109*l.* 12*s.* 1*d.* Out of this has been paid an interim dividend on preference shares of 2,750*l.*, leaving a balance of 30,359*l.* 12*s.* 1*d.*, which the directors recommend should be appropriated as follows: Second half-year's dividend on preference shares at the rate of 5 per cent. per annum (paid January 1, 1917), 2,750*l.*; year's dividend on ordinary shares at the rate of 10 per cent. per annum, 8,600*l.*; bonus of 1*s.* per share on ordinary shares, 4,300*l.*; to reserve, 2,000*l.*; to be written off goodwill, patents, etc., 3,000*l.*; balance to be carried forward, 9,709*l.* 12*s.* 1*d.* Mr. W. E. Hipkiss and Mr. E. W. Mann, who both have been connected with the business for many years, have been elected directors. Sir Thomas Barclay, Messrs. W. E. Hipkiss, and E. W. Mann retire from the board of directors, but being eligible offer themselves for re-election.

Legal Reports.

Lead in Cream of Tartar.—At Bournemouth on March 15, the United Yeast Co. was fined 1*l.* under Section 6 of the Sale of Food and Drugs Act, 1875, for selling cream of tartar which Mr. R. A. Cripps, F.I.C., borough analyst, certified to contain 50 parts of lead per million. The defence was that the article was sold as received from the importers, a firm of high repute, for whom Mr. H. R. Smith, F.I.C., F.C.S., testified that practically the whole of the import of cream of tartar came under his notice. The sample he had received for analysis contained 17 parts of lead per million. He suggested that by the way Mr. Cripps had conducted his analysis he had made the lead and the copper in the sample together appear as lead. He himself found that the total of lead and copper in the sample was not far from what Mr. Cripps made the lead to appear.

Gregory's Powder.—At the Kensington Petty Sessions on March 20, William Edward Daniel Shirtliff, chemist and druggist, 66 Goldhawk Road, Shepherd's Bush, was summoned under Section 6 of the Sale of Food and Drugs Act, 1875, for selling on January 30 Gregory's powder which was certified by the public analyst to be deficient in magnesium oxide to the extent of 57 per cent. The sale was proved by Miss Bailey, assistant to the borough inspector, Mr. Lees, who, in evidence, produced the analyst's certificate, showing that the sample contained 8.7 per cent. of magnesium oxide, 40.5 per cent. of magnesium carbonate, and 5.8 per cent. of ginger and rhubarb; there was 5.8 per cent. of extraneous matter. The Chairman (Colonel Richard Adams): If the sample was deficient in oxide the weight would have to be made up of other ingredients?—Witness: Yes, that is so. The Chairman intimated that the Bench desired to have an analysis by a Government chemist, and the further hearing was adjourned for a fortnight.

New Advisory Committee.—Sir Edwin Cornwall, M.P., Chairman of the National Health Insurance Joint Committee, has dissolved the old Advisory Committee, and has appointed a new body in its place. The old Committee consisted of some 160 persons, and its calling together cost the Exchequer about 600*l.* per meeting. The new Committee consists of thirty persons, viz.:

Sir Edwin Cornwall, M.P. (Chairman); Mr. W. A. Appleton; Mr. Francis Askew; Mr. A. R. Barrand; Mrs. Handel Booth; Mr. Edmond Browne; Mr. G. W. Currie, M.P.; the Rev. F. C. Davies; Mr. Idris Davies; Mr. George Dew; Mr. John Haworth; Mr. A. Henri; Mr. J. Rutherford Hill; Mr. W. Huddart; Mr. W. S. Glyn-Jones, M.P.; Mr. Llewellyn Jones; Mr. H. Lesser; Mr. J. W. Lowe; Miss Mary MacArthur; Mr. W. Marlow; Mr. Thomas Neill; Mr. J. D. Nugent, M.P.; Miss Ritson; Mr. P. Rockliff; Mr. J. H. Steele; Sir James H. Strong; Mr. J. H. Thomas, M.P.; Mr. Tuckfield; Mr. H. Kingsley Wood; Mr. William Wood; and Mr. E. Hockfirth (Secretary).

It will be noticed that two exceptionally competent pharmaceutical men are on the Committee, Mr. Rutherford Hill (Edinburgh) and Mr. W. S. Glyn Jones, M.P., Chairman of the Middlesex Insurance Committee. The first meeting of the new Committee was held yesterday.

Deaths.

Bennett.—At 18 Cornkickle, Whitehaven, suddenly, on March 12, Mr. Frederick Birtwell Bennett, chemist and optician, aged fifty-five. He was a native of Whitehaven, and served his apprenticeship with Wilson & Kitchen, chemists, High Street, there, after which he came to London, and was in one of the retail branches of Corbyn & Co. for about two years, and passed the Minor examination in December 1884. He then returned to Whitehaven, and commenced business on his own account in the Market Place, removing a few years later to 37 King Street, where he built up a successful business. He was Local Secretary to the Pharmaceutical Society, and when the Insurance Act came into force he took a leading part in local arrangements, and was appointed Chairman of the Cumberland Pharmaceutical Committee, and worked unremittingly on behalf of chemists, by whom he was highly respected. He was a member of the local Traders' Association, and a Governor of the Whitehaven and West Cumberland Infirmary. Mrs. Bennett survives him. The funeral took place at Workington Cemetery on March 15.

Catford.—At Wiveliscombe, on March 10, Mr. Obadiah William Catford, chemist and druggist, aged sixty-three. Mr. Catford passed the Minor examination in July 1874, and soon thereafter commenced business in Church Street, Crewkerne, which he had carried on successfully. He was much esteemed locally as a Churchman and Freemason, and had been Chairman of the Urban District Council.

Cowie.—At Upper Largo, Fifeshire, on March 14, Mr. Peter Cowie, chemist and druggist, who also acted as local registrar. Mr. Cowie was a native of Turriff. He passed the Preliminary and Minor examinations in Edinburgh, and was registered in January 1895, after which he went to Largo. His death followed a long illness.

Dennis.—At 77 Eastgate, Louth, on March 17, suddenly, after a long illness, Mary Augusta (Minnie), the dearly loved wife of Mr. Fred Woodrow Dennis, Ph.C.

Hall.—At 21 Leopold Place, Edinburgh, on March 14, Janet, widow of the late George Hall, chemist and druggist, 30 Montrose Terrace, and mother of Mr. George Hall, chemist and druggist, 255 Dalry Road, Edinburgh.

Rogers.—At 27 Bridge Street, Runcorn, on March 4, Mr. James Rogers, chemist and druggist, formerly of Church Street, Silverdale, Staffs, aged seventy-six.

Died on Service.

Curtis.—Killed in action, Private Michael Curtis, Royal Marines, who was formerly with Taylor's Drug Co., Ltd., Skipton.

Robertson.—Killed in action on July 3, 1916, Private John Robertson, of the King's Own Scottish Borderers, who was an assistant with Dandie & Co., chemists, Perth.

Umney.—Killed in action on September 26, 1916 (previously reported missing), Cecil Francis Umney, second lieutenant Dorset Regiment, the dearly loved elder son of Dr. and Mrs. W. F. Umney, Eardley House, Sydenham, aged twenty.

Wills.

The late John Tully, chemist and druggist, Herne Bay, Kent, left estate valued at 1,656*l.* 10*s.* 9*d.* gross.

Mr. Anthony Aked Metcalfe, chemist and druggist, Ilkley, who died on January 28, left estate valued at 5,526*l.* 1*s.* 9*d.* gross, with net personalty 589*l.* 2*s.* 6*d.*

Mr. Eusebius George Portlock, chemist and druggist, Wotton-under-Edge, who died on December 19, 1916, left estate valued at 6,692*l.* 1*s.* 6*d.* gross, and 5,769*l.* 7*s.* 2*d.* net.

Mr. Richard Gibbs Foster, J.P., one of the founders of Foster Bros.' Oil Mills, Gloucester, who died on December 16, 1916, left 64,592*l.* 6*s.* 5*d.* gross and 62,689*l.* 18*s.* 8*d.* net.

Mr. William Vickers, manufacturing chemist, Manchester, and Troless, Lanarkshire, N.B., who died on January 22, left estate valued at 34,242*l.* 10*s.* 4*d.* gross, and 33,107*l.* 6*s.* 1*d.* net.

Dr. James Little, F.R.C.P.I., Regius Professor of Physic, Dublin University, who died on December 23, 1916, left personal estate in the United Kingdom valued at 68,500*l.* 14*s.* 2*d.*, of which 61,873*l.* 9*s.* is in England.

Second Lieutenant Gerald Edward Levinstein, Manchester Regiment (son of the late Ivan Levinstein, Manchester), who was killed in action on October 12, has left property of the value of 26,981*l.* 15*s.* 5*d.* He leaves everything to his wife.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Shops (Earlier Closing) Order.

The Home Secretary announced on March 19 that about 400 representations, including sixty-nine from local authorities and 117 from trade organisations, have been received in favour of a continuance of the Early Closing Order, and about thirty against. No decision will be taken until the end of the month.

Swine Fever.

Mr. Prothero informed Mr. William Field, M.P., in the House of Commons on March 19, that the results of the serum-treatment of swine fever during the short period that the treatment has been in voluntary operation may be regarded as satisfactory. He believed this serum is supplied to the local veterinary surgeons.

The Cocaine Inquiry.

Our Parliamentary Correspondent reports that it is the intention of Mr. P. W. Raffan, M.P. for Leigh, and those who acted with him on behalf of the unregistered dentists again to approach Sir George Cave, the Home Secretary. Whilst they admit that the report of Sir Charles Hobhouse and his colleagues is generally favourable to the cause which they espoused, they feel that, so far, the Home Secretary has not indicated any definite line of policy. It is probable, therefore, that next week a further conference will take place at the House of Commons to decide whether or not the Home Secretary shall be asked to receive a deputation on the subject.

Alcohol-supply Committee.

Dr. Addison, Minister of Munitions, stated in the House of Commons on March 19 that the Committee on Alcohol-supply has not yet reported, therefore he cannot give any undertaking as to the publication of the report.

[It is most desirable that the Government should appreciate the fact that alcohol is used for other purposes than drink and the manufacture of explosive compounds. The Government know these two things well, but at present they are somewhat indifferent to the fact that spirits are largely used for the manufacture of medicinal and other preparations, for much of the product is being held up by the Revenue authorities with the result that the position to manufacturing chemists has become intolerable.—Editor *C. & D.*]

Criminal Law Amendment Bill.

This measure was again considered by Standing Committee A of the House of Commons on March 22. When Clause 7 was reached, Mr. Joseph King moved that its consideration be postponed. Mr. Glyn-Jones supported the suggestion, as he said the question of quack medicines is quite distinct from some other portions of this Bill. The Government would do well to consider whether the Bill would not be better if it were cut in two. There is another Bill before the House which might be read a second time at any moment. It was therefore well that this clause should be postponed until it was known what was to be done with the other Bill. A discussion ensued, and the Home Secretary said he could quite understand that chemists are opposed to this clause in its present form, and he would try with them to amend it. It was not desirable, however, to postpone the clause. The consideration of the clause was then proceeded with. Mr. Glyn-Jones's amendment with regard to advertising venereal remedies (*C. & D.*, March 17, p. 46) was rejected as being out of order. The discussion was not concluded when the Committee adjourned till Tuesday.

Board of Trade Returns.

Mr. G. H. Roberts, M.P., informed Mr. William Field, M.P., on March 21 that no advance copies of the monthly trade accounts were supplied to newspapers, but the issue was put on sale in the ordinary way on Thursday, March 15. After this had been done it was found necessary to withdraw them for correction, and revised copies have now been issued.

[The Returns were unobtainable on Thursday afternoon. On Friday, March 16, we were informed by the Board of Trade that a second postponement of publication had been necessary. We may explain that the practice of issuing the Returns on the seventh of the month has prevailed for many years, and has been maintained throughout the war. Some copies of the February Returns were sold to London newspapers before they were withdrawn later in the evening. These showed that February imports amounted to 70,947,901*l.*, an increase of 3,612,322*l.* upon February 1916, and British exports were valued at 37,287,486*l.* or 951,704*l.* more; while the re-exports were 8,991,754*l.*, or 461,958*l.* more. Chemical imports were valued at 1,610,851*l.*, being 1,050,385*l.* less than in February 1916. Exports of manufactured goods amounted to £9,414,189*l.*, an increase of 10,492,669*l.* over February 1916, including chemicals, etc., 1,684,977*l.*, a falling-off of 297,231*l.* from February 1916.]

THE SUGAR TROUBLE.

About a hundred members of the House of Commons met there on Wednesday evening, March 21, Mr. Whitley (Deputy Speaker) presiding, when Lord Devonport announced that he is issuing an Order making it an offence punishable by imprisonment for any retailer to sell more than a fortnight's supply to any one customer. He added that he had arranged with the Shipping Controller to secure a better supply in the future. The period of great scarcity will continue until the end of April. A proportion of the sugar-supply has been issued for domestic consumption, but Lord Devonport is convinced from the complaints which have reached him that all of it is not reaching the consumer. In fact, there is a leakage somewhere, and it is possible that a number of retailers are selling sugar for other than domestic use (perhaps in small quantities to mineral-water and jam manufacturers). Lord Devonport has accordingly decided to appoint at once a Committee, including two members of the House of Commons, to report within the next three weeks whether such a leakage exists and what are the best methods of stopping it. He pointed out, in concluding, that if the individual consumer of sugar is not rationed compulsorily, the output is. The weekly output is ¾ lb. per head of the population, but this may have to be reduced to ½ lb. per head.

The Food (Conditions of Sale) Order, 1917, referred to by Lord Devonport, came into force on March 23. The effect of it is to put an end to the practice of grocers making the sale of sugar conditional upon other purchases, and it applies equally to the sale of other articles of food.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Derby.—From the Pricing Bureau returns it appears that for the nine months ended September 84,078 prescriptions were dispensed, the average ingredient-price being 3.96*d.*, and average dispensing-fee 2.57*d.* per prescription, while the average total cost per insured person was 15.55*d.* One of the panel chemists informed the Committee that as his only assistant had been called up for military service and he was unable to obtain further assistance, he felt justified in resigning his existing contract. Accordingly, after a specified date he would decline to dispense further under the Insurance scheme. The Clerk was instructed to reply that it was not open to the Committee, under the regulations, to accept the letter as a notice of desire to determine the contract, and to ask that dispensing should be continued in the meantime, as otherwise the chemist's action would be taken to be a breach of agreement. If he desired to determine the contract he must give notice to that effect, and if the Committee consented, the date on which he could be released was a matter for arrangement.

London.—A meeting of the Insurance Committee was held on March 22 at the County Hall, Spring Gardens, S.W. The Finance Committee reported regarding the payment of administrative expenses of the Panel and Pharmaceutical Committees that the remarks of the acting chief auditor of the National Health Insurance Audit Department upon which the Committee acted have been withdrawn. This has reference to the allowance for expenses sanctioned by the National Insurance Act, 1913. The Finance Committee, however, recommend that while a doubt exists as to the legality of the payments the Treasury or, failing that Department, the Panel and Pharmaceutical Committees should agree to indemnify the Insurance Committee in case legal proceedings should afterwards result in a decision that payments in excess of one penny per insured person were *ultra vires*. The Medical Benefit Sub-Committee reported on the difficulty which chemists find in supplying glycerin and syrups, and recommend as follows:

"(*a*) That the Economy Committee be requested to take further measures in order to prohibit the use of glycerin for therapeutic purposes, and to limit, as far as possible, the use of syrups as flavouring agents.

(*b*) That the Panel Committee be asked to give their support to the request referred to in the foregoing recommendation (*a*); and to urge upon the practitioners on the panel the need which exists for the most rigid economy being exercised in connection with the prescribing of glycerin and syrups.

(*c*) That the Committee are of opinion that if a chemist on the panel is unable, owing to lack of supplies due to war conditions, to dispense glycerin for any of his customers, he should if called upon to dispense an Insurance prescription containing glycerin, delete the item from the prescription and inform the prescriber accordingly; that the Panel and Pharmaceutical Committees be so informed; and that the latter Committee be asked to convey this information to the persons on the list of persons supplying drugs and appliances."

The Commissioners' letter regarding the closing of chemists' shops under the Defence of the Realm Act Regulations was considered, and the attention of the Pharmaceutical Committee is to be called to the fact "that no objection would be raised to the shop remaining unlocked provided that a transparent or otherwise conspicuous notice is exhibited to the effect that the premises are open for dispensing only." Owing to the dilatory tactics of the Panel Committee the question of surcharging four doctors for excessive prescribing in 1914 and 1915 has had to be dropped, and resolutions have been passed rescinding previous decisions to surcharge the doctors. Alterations were reported in the list of persons supplying drugs and appliances.

Preston.—At the meeting of the Insurance Committee last week, the Medical Benefit Sub-Committee reported that a letter had been received from a doctor, inquiring if the Committee had made provision for the administration of drugs requiring special apparatus. The reply was that in the opinion of the Sub-Committee the cost of a drug or other substance which needs a specialist to administer it is not a proper charge on the Drug Fund.

Southend-on-Sea.—At the meeting of the Insurance Committee on March 13, the Medical Benefit Sub-Committee reported, in reply to the suggestion from the Commissioners, that there is no difficulty in obtaining medicines after hours. The question of a late dispensing-fee was further discussed, and the chemists are to be asked to form a rota for dispensing service on Wednesday afternoons.

MARCH TARIFF PRICES.—The Tariff of prices issued by the Insurance Commissioners (England and Wales) for March again reveals a considerable number of changes, the majority being higher. They follow changes that have been notified in our Trade Report, but retailers will find it advantageous to compare their new prices with the old, and to alter their retail prices where necessary. We classify the changes according to their nature:

Lower: Acid. acetylsal., 1*s.* 6*d.* oz.; acid. salicylic., 6*s.* 6*d.* lb.; ammon. brom., 6*s.* lb.; ammon. ichthosulph., 5*d.* oz.; argent. proteinat., 1*s.* 8*d.* oz.; atrop. sulph., 7*s.* gram; copaiba, B.P., 5*s.* 8*d.* lb.; ext. hyoscyam. sicc., 2*s.* oz.; ext. malti c. ol. morrh., B.P.C., 1*s.* 2*d.* lb.; glycer. acid. boric., 2*s.* 8*d.* lb.; glycer. acid. carbol., 2*s.* 7*d.* lb.; hydrarg. iod. rubr., 1*s.* 4*d.* oz.; iodoformum, 1*s.* 9*d.* oz.; iodum, 1*s.* 3*d.* oz.; lin. methyl. sal. co., B.P.C., 10*s.* 6*d.* lb.; lin. pot. iod. c. sap., 3*s.* 2*d.* lb.; methyl salicylas, 7½*d.* oz.; ol. morrhuæ (Norwegian 1916 opt.), 21*s.* gal.; phenolphthalein, 7*s.* 6*d.* oz.; pot. brom., 7*s.* lb.; pot. iod., 14*s.* 9*d.* lb.; salol, 1*s.* 1*d.* oz.; sodii brom., 3*s.* 8*d.* lb.; sodii iod., 1*s.* 5*d.* oz.; tab. phenolphthalein., gr. i., 3.06*d.* per doz.; ditto, gr. ii., 5.49*d.* per doz.; tab. salol., gr. v., 2.13*d.* per doz.; tr. iodi fort., 7*s.* 3*d.* lb.; tr. iodi mit., 6*s.* 4*d.* lb.; ung. bellad., 1*s.* 1*d.* oz.; ung. hydrarg. iod. rubr., 3*s.* lb.; ung. iodoformi, 4*s.* 3*d.* lb.

Higher: Acetum ipecac., 2*s.* 4*d.* lb.; acid. acetic., 1*s.* 4*d.* lb.; acid. acetic. glacial., 3*s.* 10*d.* lb.; acid. citric. pulv., 4*s.* 1*d.* lb.; acid. tartaric., 3*s.* 3*d.* lb.; adeps benz., 1*s.* 10*d.* lb.; æther, B.P., 0.720, 3*s.* 5*d.* lb.; amylum (maize), 5½*d.* lb.; argent. nit., 2*s.* 9*d.* oz.; argent. nit. indur., 3*s.* oz.; argent. nit. mitigat., 2*s.* 9*d.* oz.; barbitonum, 10*s.* oz.; camphora (flowers), 4*s.* lb.; cocain. hydrochlor., 5*s.* 8*d.* dr.; conf. piperis, 2*s.* 4*d.* lb.; creosot. carb., 4*s.* 6*d.* oz.; creosotum, 1*s.* 4*d.* oz.; diamorph. hydrochl., 4*s.* 8*d.* dr.; emul. petrolei c. hypoph., B.P.C., 1*s.* 8*d.* lb.; ext. viburn., 10*s.* lb.; ferri carb. sacc., 1*s.* 2*d.* lb.; ferri et ammon. cit., 4*s.* lb.; ferri et pot. tart., 4*s.* 6*d.* lb.; glycer. boracis, 2*s.* 4*d.* lb.; guaiacol carbonas, 13*s.* 4*d.* oz.; hydrarg. oxid. flav., 9*s.* 4*d.* lb.; hydrarg. ammon. (pulv.), 9*s.* 8*d.* lb.; hydrarg. c. cretâ, 3*s.* 4*d.* lb.; inf. serpentariæ (ex concentrata), 3*s.* 6*d.* lb.; lin. aconit. meth., 3*s.* 2*d.* lb.; lin. belladon. meth., 10*s.* lb.; lin. camph., 1*s.* 8*d.* lb.; liq. ammon. acet., 9*d.* lb.; liq. am. acet. conc., 2*s.* 10*d.* lb.; liq. formaldehyd., 1*s.* 3*d.* lb.; liq. hamamelidis, 1*s.* 6*d.* lb.; liq. opii sed., B.P.C., 11*s.* lb.; liq. zinci chlor., 1*s.* 1*d.* lb.; magnesia levis, 2*s.* 6*d.* lb.; mag. carb. lev., 1*s.* lb.; mag. carb. pond., 1*s.* 2*d.* lb.; mel boracis., 1*s.* 7*d.* lb.; ol. amygdalæ, 3*s.* 4*d.* lb.; ol. caryoph., 7*s.* 6*d.* lb.; ol. menth. pip. (re-distilled), 17*s.* lb.; ol. olivæ (sublime), 11*s.* gal.; oxymel scillæ, 1*s.* lb.; paraff. liq., 1*s.* 7*d.* lb.; phenazon., 4*s.* 3*d.* oz.; pot. cit., 5*s.* 6*d.* lb.; pot. tart. acid., 2*s.* 2*d.*; quin. hydrochl., 4*s.* 6*d.* oz.; quin. hydrochl. acid., 5*s.* 6*d.* oz.; quin. sulph., 3*s.* 8*d.* oz.; sacc. lact., 2*s.* 4*d.* lb.; salicin., 2*s.* 10*d.* oz.; sodii benz., 2*s.* 4*d.* oz.; sodii glycerophosph., 100 per cent., 2*s.* 4*d.* oz.; ditto, 50 per cent., 7*d.* oz.; sodii hypophosph., 5*d.* oz.; sulphonal, 4*s.* 6*d.* oz.; sulphur sublim., 5*d.* lb.; syr. ferri phosph. co., B.P.C., 9½*d.* lb.; syr. zingib., 1*s.* lb.; tab. acid., diethylbarb., gr. v., 17.04*d.* per doz.; tab. guaiacol. carb., gr. v., 22.68*d.* per doz.; tab. sulphonal, B.P.C., gr. v., 6.48*d.* per doz.; tr. benzoini co., 6*s.* 4*d.* lb.; tr. digitalis, 4*s.* 9*d.* lb.; ung. gallæ c. opio, 7*s.* 2*d.* lb.; ung. hydrarg., 4*s.* lb.; ung. hydrarg. ammon., 2*s.* 8*d.* lb.; ung. hydrarg. ammon. dil., 2*s.* 3*d.* lb.; ung. hydrarg. co., 3*s.* 4*d.* lb.; ung. staphisagriæ, 2*s.* 10*d.* lb.; ung. sulphuris, 2*s.* 1*d.* lb.; ung. zinci, 2*s.* lb.; vinum colchici, 4*s.* 6*d.* lb.

PHONETIC SPELLING in London, S.E., is illustrated by this: "2*d.* Brock of I gin" A *C. & D.* subscriber received it the other day.

Observations and Reflections.

By Xrayser II.

Your Article on the Venereal Diseases Bill

does not, I suppose, overstate the possible effects of the Bill, should it become law in its present form, but the mere statement of the fact shows the impracticability of administering such an Act in its literal sense. The expressed intention of the Bill is, however, merely to prevent the sale of any article *as a remedy for venereal disease*—that is to say, the sale must demonstrably be for an illegal purpose to make it an offence. Construed in any other sense than this the Act would, as I say, be unworkable, for it is simply impossible to prevent the free sale of countless substances in daily use for innocent and necessary purposes because they might conceivably be used for other purposes. Moreover, the clause I have italicised is itself unworkable, for in most cases it is quite impossible to prove the purpose for which a sale is made, and it is always so difficult to foresee the use to which the article will be put. Is its use as a remedy to be held as proof that it was sold as one? That would be a monstrous injustice. But on other grounds, too, the Bill is both

Unjust and Impolitic—

unjust because, though it may be criminal to convey venereal disease it is not criminal to contract it, and the unfortunate sufferer ought not to be singled out in this way as the only one who may not seek relief where and how he pleases; and impolitic because it would inevitably lead to the neglect of thousands of cases until they had become chronic and possibly incurable. There are pharmacists (and nobody is more sensible of the fact than I, or regrets it more) who abuse their position in this respect, but (as I also know) there are very many who are the means of inducing the sufferer to place himself under professional treatment when he would not otherwise have done so. I have done this myself scores of times when asked for a box of capsules or been consulted as to the treatment required, and the fact that such applications are in myriads of cases made first to a pharmacist rather than to a doctor needs no comment. This Bill would change all that; there will be no further confidences of this kind with one whose opinion would often nerve the patient to the dreaded necessity of medical supervision; the pharmacist will, indeed, be the only person who may not be consulted, with the result that these diseases, instead of being stamped out, as possibly they might be, will be stamped in.

The Bill,

in short, bears upon its face all the marks of legislation in the interest of "the profession," and however disinterested the profession may think itself, we have recently had too much proof that it has in all its actions as keen an eye to "the main chance" as any trading corporation. The quite legitimate object of stopping quackery in connection with these diseases might have been attained without going the length of this Bill, one effect of which will probably be to construct as many offences as it suppresses. Lord Rhondda expressed the hope that chemists, however hardly hit by it, would not actively oppose its passage, and evidently his hope was largely based upon the odium attaching to this particular branch of quackery. But not even the chance of being confounded with the quacks should prevent us from protesting against restrictions such as are aimed at in this Bill. The case would be hard enough even if we had the dispensing of all doctors' prescriptions, but under a system which allows them to dispense as well as prescribe it is intolerable.

Blister-making

is one of the few operations that still pertain to the art of pharmacy, and it would be a pity were we to neglect it so that we could only turn out badly made blisters in a slovenly and unworkmanlike manner. For this reason I welcome Mr. Flett's suggestion as being in the direction of keeping us up to that standard of neatness and accuracy which ought to characterise every pharmacist's work. As an apprentice, I was taught to use a paper shape for blisters as well as plasters, and I always kept up the habit. I have often thought that it would pay sundries houses to supply white metal stencils for ear-blisters and the like: it would save dispensers much time and worry. I was not taught to dust cantharides over the finished blister, or to paint it with liquor epispasticus, as I was sometimes required to do as an assistant. I see that Mr. Flett follows the latter course, but this I consider to be quite wrong. Emp. cantharidis has been in use at least fifty years, with no change till 1914. It was widely used by every doctor at one time; everyone knew that a blister should lie on the skin from eight to twelve hours according to the extent of vesication required, and of course the doctor varied his directions accordingly. The use of liquor epispasticus, however, produces vesication much more promptly, and when a doctor believes, as he naturally does, that he is using the B.P. blister plaster, he may be considerably surprised and annoyed at the extent of vesication produced. Still more annoyance is caused if a rubber combination, which acts in four or five hours, perhaps less, is substituted for cantharidin plaster, as is sometimes done. I have seen some very unpleasant experiences from this practice. I hold very strongly that when emp. canth. is prescribed it ought to be dispensed without any addition or subtraction. By the way, I see that the "Art of Dispensing" corroborates this view. Generally speaking we can follow that authority with the utmost confidence.

Trade-marks Applied for.

(From "The Trade-marks Journal," March 14, 1917.)

Device of letter M and bee over word "EMBEE" ("Embee" and "M" disclaimed); for sulphate of copper (1) and (2). By McKechnie Bros Ltd., Widnes. 375,880/1.

"BENTRYP"; for all goods (1, 2, 37, and 42). By Benger's Food, Ltd., Strangeways, Manchester. 376,660/1/2/3.

"KARSWOOD PIG-POWDERS," with pictures of pig and three running pigs (pig devices disclaimed); for pig-powders (2). By E. Griffiths Hughes (Karswood), Ltd., 68 Deansgate Arcade, Manchester. 376,537. (Associated.)

"TOH"; for all goods (2). By the United Alkali Co., Ltd., Liverpool. 376,945.

"ANOCAIN"; for anæsthetics (3). By the Wingate Chemical Co., Ltd., Montreal. 375,363.

"ABBEY BRAND," surrounding circular device of Westminster Abbey; for drugs in powder sold wholesale (3). By the Abbey Chemical Co., Ltd., Broad Sanctuary Chambers, Westminster, S.W. 376,298.

"SEPTOVINCE"; for an antiseptic liquid (3). By Septovince Chemical Co., Inc., 18 East 22nd Street, New York. 376,606.

"OMALIN"; for medicinal chemicals (3). By Tokalon, Ltd., 212-214 Great Portland Street, W. 376,620.

Square-shaped device bearing letters "M," "M E D," and "C" ("M" and "C" disclaimed); for non-medicated surgical instruments, etc. (11). By London Medico Mechanical Apparatus Supply Co., 31 Marylebone Lane, W. 376,502.

"CAKEAPA"; for baking-powder (42). By T. Rose Hilton, 72 and 74 Victoria Street, Ashton-under-Lyne. 375,804.

"TARGET BRAND," with picture of same, and device including words "TARGET BRAND," and picture of target bearing letters "B & H"; for alcoholic essences (43). By Bratby & Hinchliffe, Ltd., Ancoats Manchester. 375,474, 376,343. (Associated.)

"POMOLINE"; for dentifrices (48). By W. E. Lowe & Co., Ltd., 8 Stafford Street, Old Bond Street, W. 375,672.

"COBBLER," under picture of same; for perfumery, etc. (48). By G. W. Goodwin & Son, Manchester. 376,656.

"MERIDIAN"; for perfumery, etc. (48). By R. Dixon & Co., Ltd., Canal Street, Rochdale. 376,695.

"ADAGIO," "INTERMEZZO," "MADRIGAL," "RITOURNELLE," and "L'HEURE DIVINE"; for perfumery, etc. (48). By the Standard Tablet and Pill Co., Ltd., Hove. 376,831/2/3/4, 376,874.

Information Department.

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

241/13. Boric-acid powder: actual manufacturers.
243/63. "Rose and lily skin-cream."
243/63. "Lixall" cough-cake.
244/30. Ashworth's hygienic flesh-gloves.
244/35. "Antivenom."
244/35. "Lactalbumin."
244/28. Phthalic acid, suppliers.
244/59. "Asthmine" asthma remedy.
245/60. "Geoina" gelatin substitute.
247/27. All-rubber soother, with star-shaped shield.

"SANITAS-CREOLEUM"

(WOOD PRESERVATIVE)

A unique preparation in three grades of Colour for preserving all forms of Wood and Woodwork against the inroads of fungoid and insect life.

In Tins, Drums, and Casks.

TERMS UPON APPLICATION TO

Sole Manufacturers:

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Limehouse, LONDON, E.

S.V.R. — S.V.M.

AND

CHEMISTS' WINES.

Jas. Burrough Ltd. D.1. Cale Distillery, Hutton Rd., LAMBETH, S.E. (2)

FRENCH AND ALL FOREIGN

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MEDICINES

Wilcox, Jozeau & Co.

49, HAYMARKET, LONDON, S.W.

Export and other Buyers should apply for a List. " " Foreign prescriptions dispensed for Pharmacists.

For an announcement of special interest to you see page 3.

CHEMICALS.

We solicit your Inquiries for—

Crushed Linseed (Mumford's quality, finest obtainable), Whole Linseed, Starch Powders (Maize, Wheaten, Rice and Potato), Glauber Salts, Hypo, Bi-Carb Soda, Sulphur, Fuller's Earth, Tart. and Citric Acids, Cream Tartar, Kaolin Liquorice Pdr. and Juice, Epsom Salts, Boracic Acid, &c., &c. Also 1d. Pkts. Fuller's Earth, Violet Pdr., Starch Pdr., Liquorice Pdr., Nursery Pdr., Boracic Acid Pdr., &c.

Sole Proprietors of "Pylitna Powders" the internal specific for Hæmorrhoids. Special terms for co-operation.

G. S. MUMFORD & SONS, FARRINGDON ROAD, LONDON.

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ENDOLYTIC TUBES

"The Laboratory in the Waistcoat Pocket."

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FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, N.

Editorial Articles.

Sugar Shortage.

The difficulties in obtaining sugar for pharmaceutical purposes are likely to be increased very much by the Sugar (Restriction) Order which was issued last Saturday by the Food Controller. The new Order is as follows:

1. Except under the authority of the Food Controller, no person shall during any of the periods hereinafter referred to use in the manufacture of articles manufactured by him for sale more sugar than the amount prescribed for such period.

2. The prescribed amount shall be ascertained by reference to the total amount of sugar used in the year 1915 for manufacturing purposes by the person in question, or, in the case where there has been a transfer of a continuing business in or since the year 1915, by such person and his predecessors in that business.

The prescribed amount for each period shall be the percentage of such total amount shown for that period in the following table:

Percentage of Total Sugar used in 1915	Period for which such Percentage is applicable
20 per cent.	Jan. 1, 1917, to June 30, 1917
30 " "	Jan. 1, 1917, to Sept. 30, 1917
40 " "	Jan. 1, 1917, to Dec. 31, 1917.

3. This Order shall not apply to the use of sugar in the manufacture of jam, marmalade, or condensed milk.

4. If any person acts in contravention of this Order or aids or abets any other person in doing anything in contravention of this Order, that person is guilty of a summary offence against the Defence of the Realm Regulations, and if such person is a company every director and officer of the company is also guilty of a summary offence against those regulations unless he proves that the contravention took place without his knowledge or consent.

5. Article 3 of the Sugar (Confectionery) Order, 1917, is hereby revoked.

6. This Order may be cited as the Sugar (Restriction) Order, 1917.

It will be noticed that Article 3 permits (no doubt for reasons connected with the food-supply) the use of the present proportion of sugar in the manufacture of jam, marmalade, and condensed milk. We hold the view that the maintenance of the supply of medicines for the sick is a necessity, and that for many galenicals sugar is essential as a means of preserving the medicament and for presenting it in a palatable form. It would have been easy to have added to the jam provision (Article 3) such words as "or sugar used in the preparation of medicines," but we have ascertained definitely that the Order was not intended to exempt from its terms the sugar used in pharmaceutical preparations and medicinal lozenges, and it thus happens that the supply, at present inadequate, will be still further restricted. The seriousness of the shortage will be appreciated when it is remembered that most retail chemists have had to stop the manufacture of preparations containing sugar because of the impossibility of purchasing sugar locally. This has caused a larger demand on the wholesale drug-houses, whose supply had already been much curtailed, and is now to be further drastically cut down. The legal requirements of the Pharmacy Acts, Sale of Food and Drugs Acts, Merchandise Marks Acts, etc., are still in force, so that medicinal preparations to which these apply, including those that are saccharine, must be made according to official or other accepted formulas, and until a Regulation is made under the Defence of the Realm Act enabling pharmacists to vary the formulas it is not possible without risk of heavy penalties to alter the formulas, as by employing glucose

in place of sugar. Efforts are being made by the National Health Insurance Commissioners to get panel doctors to diminish the use of sugar in prescribing, but this can only apply in cases where syrup is employed as a flavour. Precious little sweetening-agents do Insurance patients get as a rule, and we do not anticipate, therefore, that the Commissioners' efforts will lead to much economy in sugar. It will be remembered that a deputation from the Pharmaceutical Society waited on the Food Controller and put before him the difficulties of the drug-trade, but nothing definite has resulted. We understand, however, that the matter of making concessions to pharmacy is still under consideration, and it is to be hoped that an authoritative statement on the subject will be made public soon. (See also p. 39.)

Medicinal Plants.

There has been during the past year a marked change in British ideas regarding the cultivation of medicinal plants in these islands, the change being due chiefly to the fact that people have gathered or grown many plants for which the demand is precarious and the value low, so that the first results were bad. The Board of Agriculture has consulted the National Health Insurance Commission about the war position, and the Commissioners have informed the Board that only four plants are "really essential—namely, belladonna, henbane, digitalis, and colchicum," and they add that the annual requirement is 50 tons each of belladonna leaves and root, 20 to 25 tons each of henbane and digitalis, and considerably less colchicum. This is for home consumption; "much larger quantities are needed for the manufacture of medicinal preparations for export." It is also said that sufficient colchicum and digitalis grow wild in this country to meet home requirements. The home demand for belladonna and henbane could also be met in part by collecting the wild plant, and the Commissioners conclude thus:

"It would seem, therefore, that as regards digitalis and colchicum, and to a certain extent belladonna and henbane, much could be done to provide the quantities needed for home consumption by the dissemination of information as to the most suitable methods for collection, the encouragement of co-operation between associations of collectors and wholesale drug-merchants, and by the encouragement of the provision of drying facilities. As the successful cultivation of belladonna and henbane requires skill and experience, it is doubtful whether a large quantity could be produced by small cultivators without organisation and skilled supervision, but the acreage under cultivation by the larger cultivators has considerably increased since the outbreak of war, and it is probable that it now suffices, together with what could be obtained from the collection of wild plants, for home requirements."

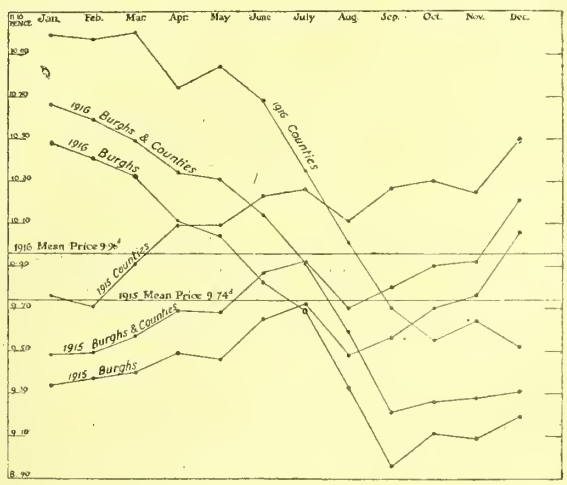
We quote from the February issue of the "Journal" of the Board, and although we know that the quotation expresses the views of those who are in the plant-business in order to make money, it is not a true exposition of the demands of the country for medicinal plants. Many tons of taraxacum root are gathered and used in this country yearly, yet not a word is said about that by the Board or Commissioners, and other common necessities, such as chamomile and male fern, are also ignored: of course, their consideration was too narrow, being limited to what panel doctors prescribe and excluding what the public want. In this connection we venture to tell what the German Pharmaceutical Association has been doing. Its President is Dr. Hermann Thoms, a corresponding member of our Pharmaceutical Society, and a Committee was appointed by it, whose work we epitomise:

A letter has been sent to all interested in the cultivation or collection of drugs, stating that endeavours for promoting cultivation and gathering of drugs have not had the results expected. This is said to be due to the fact that those connected with drug-gathering had insufficient knowledge of the properties of the drugs, and the way in which they should be treated. So the "Gesellschaft" advises herb-growers, pharmacists, physicians, and school-teachers to co-operate before going further. The Committee wants more data about the drugs which are cultivated or gathered in Germany, and for that purpose two lists of questions to be answered are added to the letter. These questions are in regard to *Achillea Millefolium, Acorus Calamus, Arctostaphylos Uva-ursi, Arnica montana, Artemisia Absinthium, Atropa Belladonna, Claviceps purpurea, Colchicum autumnale, Datura Stramonium, Digitalis purpurea, Erythræa Centaurium, Gentiana lutea, Hyoscyamus niger, Juniperus communis, Lycopodium clavatum, Matricaria Chamomilla, Menyanthes trifoliata, Ononis spinosa, Pimpinella saxifraga* and *P. magna, Rhamnus Frangula, Sambucus nigra, Tilia ulmifolia* and *T. platyphyllos, Triticum repens, Tussilago Farfara, Valeriana officinalis, Verbascum thapsiforme* and *V. phlomoides*, and *Viola tricolor* in the first list. With regard to these the following questions are asked: Name of the district, town, village, etc.? Where do the plants grow (on fields, meadows, in woods, etc.)? In which months they are gathered? Who gathers? How are the plants dried? Are there special drying-places for this purpose? Who buys the dried drugs? Which quantities of dried drugs have been collected in your district? In the second list of questions cultivation of drugs is dealt with, especially *Aconitum Napellus, Althæa officinalis* and *A. rosea, Anethum graveolens, Anthemis nobilis, Archangelica officinalis, Carum Carvi, Chrysanthemum cinerariæfolium, Conium maculatum, Coriandrum sativum, Fœniculum vulgare, Glycyrrhiza glabra* and *G. echinata, Inula Helenium, Lavandula spica, Levisticum officinale, Linum usitatissimum, Matricaria Chamomilla, Melissa officinalis, Mentha piperita, Origanum Maiorana, Papaver somniferum, Petroselinum sativum, Pimpinella Anisum, Salvia officinalis, Sinapis nigra, Valeriana officinalis.* The following questions are asked: Who cultivates them and on what soil? Are they cultivated for proper account or for account of other persons? Have the cultivations been successful or have they failed in consequence of plants' diseases or other circumstances? Has the cultivation increased or decreased of late? Can you give any information about the profits the cultivation yielded?

We know that our needs are not the same as those of Germans, but our Board of Agriculture has told the country in effect that all we need trouble about is belladonna, colchicum, digitalis, and henbane. Thus we have repeated the ineptitude which was manifested in 1912 after Sir Edward Evans dealt with the subject before the British Pharmaceutical Conference. We dare say our Government Departments have enough to do, but it appears that in this matter the work is being left to the Germans.

Insurance Dispensing in Scotland.

We are indebted to Mr. A. G. Gilmour, head of the Central Checking Bureau, Glasgow, for figures that compare the number of prescriptions dispensed in 1915 and 1916 and their cost. From the details the annexed diagram has been prepared, and it may be taken as a



broad exposition of the figures. In 1915 the prescriptions dispensed numbered 2,220,216, and the cost was 90,182*l.* 10*s.* 3*d.*, or an average of 9.74*d.* The number in 1916 was 1,938,523, the cost 80,451*l.* 11*s.* 4½*d.*, or an average of 9.96*d.* The decreased total cost shown by 1916 against

1915 was 9,730*l.* 18*s.* 10½*d.* This was due to there being fewer people to dispense for, the 1916 figure being 281,693 less than that for 1915, and the average cost per form was 0.22*d.* higher, which is less than the extra 0.3*d.* establishment-charge allowed to chemists in England and Wales. We note that the quarterly averages per form in Scotland were as follows :

	First	Second	Third	Fourth
1915	9.51*d.*	9.74*d.*	9.80*d.*	10.01*d.*
1916	10.58*d.*	10.27*d.*	9.57*d.*	9.28*d.*

These are particularly interesting, for the figures show that in the last quarter of 1916 the cost per form was the lowest in two years, in spite of high prices.

The Russian Revolution.

The day before we in England had definite news in regard to the Czar's abdication we received a letter from a subscriber in Russia regarding the trade in chemicals and allied products, from which we venture to quote because it deals with a revolution in trade methods which will be appreciated here. An English newspaper containing an article on trade between this country and Russia has been sent to our subscriber, and he writes to us in regard to it :

"I take the liberty of warning you, particularly in connection with the part of the article in which the author recommends credits to be given to Russian buyers. There never was such splendid opportunity as the present for eradicating the 'credit' idea from the brain of the Russian chemists and druggists. The credit which they enjoyed was their own ruin and a source of great unhappiness to those who gave them the credit. Now, when cash has to be planked down for everything they buy, our chemists and druggists have paid off their debts, they have started business with a clean sheet, and those who sit in London and know nothing of actual facts wish to bring new ruin to Russian tradesmen by counselling 'business on credit.' There are, of course, certain cases in which credit must be given to some of our wholesale drug-houses, but not because they are in need of cash."

This is well worth keeping in mind, especially at the present time when the business relations between Britain and Russia are developing splendidly, and prospects for the future are bright.

Clinical Thermometers.

At present many observing people learn that things are being done by the Government which hitherto have been solely under civil or personal control, and the question naturally arises : How is this to affect the future? The question is peculiarly appropriate in connection with clinical thermometers. Military requirements increased the Army demand for these enormously when the war began, and in the earlier stages, before Mr. Lloyd George went from the Ministry of Munitions to the War Office, thousands of clinical thermometers were rejected because of inaccuracy. These thermometers have been getting on the market, and are being sold to chemists and others. We inspected one the other day, by which the temperatures recorded were about a degree higher than the actual, as the following comparison shows :

Thermometer Graduation	Actual Temperature
95°	94°
100°	98.8°
105°	104°
110°	109.2°

The thermometer was also imperfect in respect to the fact that when the mercury reached 110° it dropped : fortunately that is a temperature which the human body does not attain except in certain rare cases of brain-injury, but the imperfection sufficed to prove the uselessness of the instrument. The Ministry of Munitions now warns thermometer-makers that inaccurate clinicals will be destroyed and not returned. This is a means of public protection, but in the meantime some rejected thermometers are on the market, and the object of this note is to advise retailers in regard to uncertified thermometers. We may also expect that after the war many of the experiences that have been gathered by Government Departments will be utilised in some manner for the public good, and we expect that ensuring the accuracy of clinical thermometers will be one of the things as to which a dictum will be formulated.

The Carriage of "Empties."

In view of the correspondence which is taking place on the "empties" question in this journal, it is interesting to note that Mr. J. H. Entwistle, of Manchester, writes to the "Manchester Guardian" suggesting that the situation would be much relieved if the railway companies would unite to establish a central clearing-house in each large town for empty packages of all kinds. At a recent date, he says—and it is probably the same now—there were thousands of empty cases in Manchester awaiting transport to Belfast, but not one of them could be used in sending Manchester goods to Belfast, although many firms would have been glad to have had the use of them. It is the same with other centres. Mr. Entwistle's suggestion is that firms should deliver their empties to the clearing-house, together with a record of their nature, dimensions, mark, owner, address, and such other particulars as experience may show to be necessary. These details would be alphabetically filed by the clearing-house, and firms having goods for inland destinations would apply there for a case or cases approximately suitable. Mr. Entwistle has worked on these lines privately, with a few firms only concerned, and he found the results satisfactory. There are limits, of course, to the practicability of the above plan, because of the varying nature of industries. Possibly it could be adapted to meet the peculiar requirements of the drug-trade, which are more complex than those of many other industries.

New Books.

Austen-Leigh, E.C. *A List of English Clubs in all Parts of the World for 1917.* 6½ × 4⅜. Pp. 188. 5*s.* (Spottiswoode, Ballantyne & Co., 1 New Street Square, London, E.C.) [Contains particulars of over 4,000 clubs frequented by the English in various countries. The lists of clubs are in sections dealing with London, the provinces, Europe (excluding, of course, enemy countries), Australia, America, West Indies, Asia, Africa, and Malaysia.]

British Journal Photographic Almanac and Photographer's Daily Companion, 1917. Edited by Geo. E. Brown, F.I.C. 7½ × 4⅞. Pp. 780. 1*s.*; cloth, 2*s.* (Henry Greenwood & Co., Ltd., 24 Wellington Street, London, W.C.) [The fifty-sixth issue of this well-known photographic reference-book has been somewhat delayed owing to war conditions. The work is a little thinner, but is still very substantial and not a whit less interesting than usual. The article which first caught our eye is entitled "Chemical Notions for Photographers," which gives in popular language a succinct account of the theory of chemistry, those chemicals used in photography being referred to in particular where possible. The epitome of progress is good—it is divided into convenient sections—and there is a long section devoted to formulæ. The "Almanac" is a good reference-book for chemists, and forms a regular item in the sales of photographic chemists' businesses.]

Stubbs's Buyers' Directory for the Wholesale Drug, Chemical, and Allied Trades. 9¼ × 6. Pp. 371. $3.00. (Alfred Stubbs, 30 Cliff Street, New York.) [In view of the largely increased trade between the United States and Britain the 1917 edition of this Directory will be welcome to buyers and sellers of American drugs, chemicals, essential oils, perfumes, raw materials, pharmaceutical specialities, druggists' sundries, etc. Mr. Alfred Stubbs is a drug and chemical broker, and has thus an inside knowledge of what and whom to include in his Directory.]

Year-book of the Ceylon Agricultural Society, 1917-18. 7¼ × 5. Pp. 144. Compiled by Mr. C. Drieberg, B.A., Secretary of the Ceylon Agricultural Society. [This is the first issue of the Society's Year-book, and is intended to take the place of the Calendars which preceded it. It is designed to furnish members with all such information as they are likely to need in their everyday life as "tillers of the earth."]

Associations' Winter Session.

Chesterfield.—A meeting of the Chesterfield Pharmacists' Association was held on March 13, Mr. G. D. Denwood in the chair. There were ten members present and Mr. J. H. Toplis, Hon. Secretary. Resolutions were passed urging the necessity of obtaining much better conditions for service under the National Insurance Act. A paper was given by Mr. H. Smith, Clay Cross (Vice-President), entitled *Is the Pharmacist better off to-day than he was twenty-five years ago?* in which he showed that chemists are better off, both financially and socially, but he thought they could never be looked upon as professional men so long as they stand behind the counter to sell such things as red precipitate by the "pennyworth." The paper, the first to be given by a member of the Association, was much appreciated.

Ealing. A meeting of the Ealing Pharmacists' Association was held on March 13, Mr. E. F. Strickland in the chair. It was decided to send a letter to the medical men in the area, pointing out the present difficulties in the supply of syrups and glycerin. Mr. J. Kirkpatrick, the Secretary of West Ham Pharmaceutical Committee, gave an address on the *Pharmaceutical Society*. He said it is noticeable that the founders of the Society had not foreseen the possible ingress of the capital interest into pharmacy, with the result that chemists were for a large number of years struggling for existence against this influx. The National Insurance Act has, to a certain extent, restored chemists to a vision of the earlier conception. In education and organisation Mr. Kirkpatrick showed himself well up in progressive thought, and he advocated that progress should be pressed all along the line. There was considerable discussion afterwards, nearly everyone taking part. A vote of thanks was accorded to Mr. Kirkpatrick.

Glasgow. A meeting of the Glasgow and West of Scotland Chemists' Association was held at 165 Hill Street, Glasgow, on March 15, Mr. A. McMillan (President) in the chair. Mr. J. B. McVitae gave an interesting account of the progress of the *Chemists' Friendly Society*. He congratulated the Glasgow Association on having the foresight to start the Society, and assured the members that it is in a prosperous condition in every department. The amount of money invested after three full years' working is 5,770*l*. The Society was one of a few that were able to show a surplus on administration account even in the first year. Mr. A. Murray brought forward a suggestion that the growth of the Association in recent years necessitates the appointment of a *Finance Committee* to assist the Treasurer, and of an Organisation Committee. The suggestions gave rise to an interesting discussion. Mr. Thos. Guthrie, member of Council of the Pharmaceutical Society, gave a very interesting account of his experiences and *Impressions as a Member of Council*, and explained a number of matters which had engaged the attention of that body since he had become a member of it. These were micro-biology, Parliamentary representation, the Venereal Diseases Bill, and the proposed scheme for assisting soldiers on their return to civil life. He appealed strongly on behalf of the Benevolent Fund. Questions regarding the methods of *The Pricing Bureau* were put by Messrs. Newall and Macgregor and answered by Mr. A. B. Gilmour. A number of questions were also answered by Mr. Geo. Shiach Kitchin with regard to both Insurance matters and military service. Fourteen new members were admitted to the Association. The President announced that the fund in aid of the Bellahouston Military Hospital now amounts to 183*l*.

Hull.—A meeting of the Hull Pharmacists' Association was held on March 20, Mr. L. S. Sellé (President) in the chair. Mr. F. Pilkington Sargeant, Leeds, gave an address on *Pharmaceutical Matters*. After referring to the work which the Pharmaceutical Council had done on the National Insurance Act, Mr. Sargeant said the two Bills on venereal diseases now before Parliament are of great interest to pharmacists, on whom some of the proposals would bear very hardly. In industrial districts venereal diseases are very generally treated by men who are neither doctors nor chemists. It was stated that nothing must be sold as a "remedy," and the case was clearly one where the dispensing should be left to those who understood it. After referring to the sale of glycerin and the shortage of sugar, Mr. Sargeant said that at the close of the war subjects of importance alike to chemists and the public would have to be considered, and with Mr. Glyn-Jones retiring from Parliament, they were considering whether they could not have him replaced by their Secretary, Mr. Woolcock. Mr. T. Smith moved a vote of thanks to the lecturer, and adversely criticised the abolition of divisional secretaries. Mr. W. Staning seconded, and a discussion followed, in which Messrs. Haworth Earle, R. F. Jones, Snowden, Clough, Newton, A. Richardson, Walton, Chapman, and the Chairman took part. Mr. Sargeant, replying, said the Council is a very different and more elastic body than ever it has been before.

Leeds.—A meeting of the Leeds Chemists' Association was held on March 14, Mr. N. N. Armitage in the chair. Mr. J. H. Beacock gave an address on *The Chemist and his Apprentice*. After philosophical musing on the natural laziness of man, he said that one of the prime events of importance is the selection of a trade or profession. He became a chemist because in the Victorian age the craft was regarded as eminently respectable—sufficiently respectable to permit of one being received in select society, and for the apprentice who lived in, as he had done, to be part of the Sunday morning procession to church or chapel, headed by the top-hatted and frock-coated "Guv'nor," and completed by Eve, three or four daughters of Eve, and two or three sons of Adam. (Laughter.) Mr. Beacock pictured, in an interesting manner, the life and doings of the old days in the quiet little Lincolnshire country town. He once did nothing for three weeks but make pills, and when he came to his Minor he was so expert that the task was easy, and probably this contributed largely to his getting through. Price-cutting was not unknown then, and there were the usual difficulties over early-closing efforts. Mr. Beacock said the chemist of the past has often been blamed for the present demand for patent medicines. He supposed that chemists only sold these because the public asked for them, and preferred to get them from the chemist rather than some other kind of shop. He proceeded to discuss the subject, and said that the art of medicine was created not for the benefit of the doctor or the chemist, but for the mending of the sick body, by producing preparations from crude drugs and chemicals which will make up for the deficiencies in the body. This is why he objected to cheap pharmacy and cheap dispensing, because they have a tendency to become bad pharmacy and bad dispensing. He did not agree with the making of the Qualifying examination much more difficult. He considered it sufficient at present to ensure the safety of the public, but it is never intended that when a man reached the stage of passing that examination he should cease to be a student, and education must continue to be one of the strongest principles of the Pharmaceutical Society. (Applause.). Mr. F. Pilkington Sargeant agreed that education must be such as to protect the public, and must not be such as to exclude many good men from being able to enter the craft. This must be kept in view in any revision of examinations. Mr. Johnson said he was originally a farmer, and was twenty-six years of ago when he started a two years' apprenticeship in pharmacy, because farming did not hold out much prospect and a brother in pharmacy seemed to be doing nicely. Unfortunately, said Mr. Johnson, amidst laughter, so soon as he qualified cutting and machine manufacturing came along, and everything seemed to go to pieces. Mr. H. Gilleghan and Mr. J. Hayes continued the discussion, and the meeting concluded with a vote of thanks to Mr. Beacock.

London Co. A meeting of the Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square, W.C., on March 20, Mr. A. H. Jonkin (President) in the chair. The report of the Pharmaceutical Insurance Sub-Committee stated that Mr. Woolcock then agreed to continue in office as pharmaceutical representative on the Insurance Committee. Discussion took place on the question of glycerin and syrup supplies for dispensing medicines for the general public as well as insured persons. It was finally decided to forward a resolution to the Pharmaceutical Society with a view to a solution of the difficulty. The report of a joint meeting of the Election Sub-Committee and Metropolitan and Home Counties Organisation Committee was submitted and discussed. With regard to the proposed conference with provincial representatives, Mr. Hearle asked that the Election Sub-Committee be empowered to represent the views of the County Executive. This was agreed to. It was agreed that "The Script" in future should be carried on by means of a limited company, shares being restricted to Metropolitan Pharmaceutical Associations or members thereof. A number of shares in the company is to be taken in the name of the London County Executive. The Secretary reported on the Insurance dispensing terms, and furnished several sets of statistics which were approved. The report of the Organisation Sub-Committee recommended as the subject for simultaneous discussion for April "What the Association is doing for you. What are you doing for it?" The suggested lines for discussion are (*a*) independent functions, (*b*) subordinate functions, (*c*) reciprocal functions, (*d*) attendance of members—possibility of increase, (*e*) trade matters and how best to deal with them.

London (S.W.).—A meeting of the South-West London Pharmacists' Association was held on March 13, when about sixty members and visitors were present. An address on *The Pharmaceutical Council* was given by Mr. Edmund White, President of the Pharmaceutical Society.

Manchester. — A meeting of the Manchester Pharmaceutical Association was held on March 14, Mr. F. W. Bates, J.P. (President), in the chair. There was a good attendance, including ladies and members of the Chemists' Assistants' Association. Mr. L. Moreton Parry and Mr. J. H. Robinson, of Liverpool, were also present. Mr. W. Kirkby, M.Sc., gave a lantern-lecture entitled *A Century of Manchester Pharmacy*. He described various landmarks and episodes in local pharmacy during the past hundred years, the beginning of such well-known houses as J. Woolley, Sons & Co., Jewsbury & Brown, Mottershead & Co., T. & W. Henry, Wright & Barnaby, and others which are still flourishing. Afterwards lantern-slides of prints of old Manchester and portraits of the men in manufacturing pharmacy were thrown on the screen, some of the originals being lent to the author by Mr. Geo. S. Woolley. Mr. W. H. Delve proposed a vote of thanks, which was seconded by Mr. John H. Robinson, Liverpool. The latter said it was worth the extra 50 per cent. railway fare from Liverpool to have had the opportunity of being present at such an intellectual treat. The resolution was carried by acclamation, and Mr. Kirkby briefly replied.

Newcastle-upon-Tyne.—A meeting of the Newcastle-upon-Tyne Pharmacists' Association was held on March 14, Mr. J. F. Simpson (President) in the chair. The cost of the minimum price-list is to be increased to the extent of 1*s.* per subscriber, this being paid out of the funds of the Association. New subscribers, however, will be charged 3*s.* 6*d.* per annum. A Pricing Committee, consisting of Messrs. Bowness, Stephenson, Simpson, Flemming, Wright, and Popham, was elected to deal with the question of uniform prices for non-protected proprietary articles. The Committee is to try and adopt face value as the retail price of these goods. It is hoped that companies carrying on pharmacies in the district will co-operate in the scheme.

Pharmaceutical Benevolent Fund.—A smoking-concert in aid of the fund was held under the auspices of the Liverpool Chemists' Association and the Birkenhead, Wallasey, and Wirral Pharmacists' Associations, at the Bear's Paw Restaurant, Liverpool, on March 21, Mr. William P. Evans presiding. Mr. F. E. Bilson (Bournemouth), Chairman of the Pharmaceutical Council's Benevolent Fund Committee, was to have been present, but had been kept at home owing to a sudden bronchial attack, so the chief invited speaker was Mr. Rymer Young, J.P. (Warrington). The attendance was large, and the Chairman, in his speech of welcome, drew attention to the appearance on the ticket, for the first time, of the Wallasey Association, and said that when he attended its inaugural meeting a few weeks ago he asked the indefatigable President to support this effort for the Benevolent Fund, and the hearty response was palpable. Both the Birkenhead and the Wallasey members had come forward in highly gratifying numbers. Many who could not attend owing to health or other reasons had sent apologies, each letter containing a donation to the fund. (Applause.) One senior member had sent 5*l.* as a thankoffering for recovery from bronchitis, an example of benevolence worthy of imitation. (Renewed applause.) Mr. Rymer Young, having regretted the cause which kept Mr. Bilson away, proceeded to plead for generous help to the Benevolent Fund. Whatever the ability, stability, or futility of the Pharmaceutical Council, there was at any rate one institution connected with it which was not liable to adverse criticism—the Benevolent Fund. The founders of the Pharmaceutical Society builded better than they knew when they established the Benevolent Fund years before the Society was incorporated. The fund dated back about three-quarters of a century, and it had disbursed over 100,000*l.* in annuities of 50*l.* and grants of varying amounts from 10*l.* upwards. They who knew the trade well understood what that really meant. It meant help to hundreds of deserving cases. The concert was the seventh of the series, and the collections had reached the handsome total of 200*l.* He might venture on an axiom which he thought would not bring a contradiction even from Mr. Moreton Parry—(laughter)—chemists as a rule were not a wealthy class. Of course there were exceptions, men who had married money or who had inherited genius, or by one of the strokes of luck had passed from the retail into the wholesale branch. (Laughter.) Edgar Allan Poe described paradise on earth as El Dorado, but in these days he would have given way to the wholesale chemist. (Renewed laughter.) When the wholesaler is not enjoying himself at his club he is walking in his lovely garden, wondering how he shall invest his riches. (More laughter.) The average retailer, however, has hard work, with the sovereign worth only 12*s.*, to provide himself with a new suit once a year, his wife with a new hat and dress once a month, and his children with new boots every ten minutes. (Roars of laughter.) Speaking seriously, the fund would be as necessary after the war as now, and as its administration was most efficient it was fitting to ask for a continuance of generosity. Having given examples of the benefits wrought by the fund and the gratitude evoked, he showed that sympathy as well as financial help was extended to the recipients of bounty. No deserving case had ever been refused. (Loud applause.) A collection followed, and the Chairman announced that all records had been beaten, the receipts being already 64*l.*, while other amounts were promised. Mr. Moreton Parry (a member of the Committee of the fund) thanked the meeting for the liberal collection. The concert from the harmonious and musical points of view was splendid.

Society of Chemical Industry.—An informal meeting of the London Section was held at the Birkbeck Café, High Holborn, W.C., on March 19, Mr. A. R. Ling in the chair. A discussion took place regarding the proposed club. The Chairman suggested that this could be called the London Section Club, as there is in existence an organisation known as the Chemical Industry Club. Some of the subsequent speakers thought it might be possible to arrange for the use of the latter title, which is the better. The Chemical Industry Club is to be approached on the matter. It was agreed to appoint Mr. H. E. Coley, 6 Bury Court, St. Mary Axe, E.C., as Hon. Secretary of the club. Suggestions were then made for running the club. It was thought by one member that discussions might be arranged for different evenings, and when he mentioned a sugar evening there was a ripple of laughter. The social side is not to be lost sight of, and members who can sing are to be asked to come forward. Saturday afternoon rambles and visits to factories were also suggested. Mr. J. W. Hinchley thought members might take it in turn to organise the evening's entertainment. Mr. T. D. Morson mentioned Rothamstead Experimental Station as a place members might visit. Some discussion took place regarding the conditions which have to be fulfilled in nominating members of Council. It was felt that these are unnecessarily onerous. The signatures required might be reduced from ten to two or three, and members allowed to sign more than one nomination-paper. It was suggested that Monday may not be the best day for the meeting of the club. "It is the traditional day for the Section," said the Chairman.

Society of Chemist-Opticians.—The General Purposes Committee met at 42 Cannon Street, London, E.C., on March 16, Mr. F. S. Horsey (President) in the chair. The chief business was the authorisation of payment of accounts, and a resolution was passed authorising the bank to accept the signatures of the President and Hon. Secretary, pending the election of a Treasurer in place of the late Mr. C. J. G. Bunker.

Southampton.—The fifth annual meeting of the Southampton Pharmacists' Association was held at the Bungalow Café this week. The following officers were elected: *President*, Mr. H. Ferryman; *Vice-President and Librarian*, Mr. H. Jewell; *Hon. Treasurer*, Mr. G. E. Gibson; *Committee*, Messrs. Bates, Martin, Clark, Eley, Hodges, Hussey, Jones, Riddle, and Wilkins; *Hon. Secretary*, Mr. F. B. Wride; *Auditor*, Mr. W. Benest. The report of the Committee, reviewing the events of the past year, was received and adopted.

West Bromwich.—A meeting of the Executive of the West Bromwich Pharmaceutical Association was held on March 13, Mr. Edward Beattie (President) in the chair. On the recommendation of Mr. Withers, who is Chairman of the Tradesmen's Association, Mr. Kemsey Bourne was appointed to represent chemists on the last-named Association. It was decided to write to the proprietors of articles which have been withdrawn from the protected list of the Proprietary Articles Trade Association as to the reason for the step. At the conclusion of the business Miss Beattie sang and played.

West Ham.—The annual meeting of the West Ham, East Ham, and Metropolitan Essex District Association of Pharmacists was held at Earlham Hall, Forest Gate, E., on March 15, Mr. W. T. Johnson (President) in the chair. The Treasurer's report was presented and approved. The election of officers then took place as follows: *President*, Mr. F. W. Gwinn; *Hon. Secretary and Treasurer*, Mr. Alex. Catto; *Committee*, Messrs. Evans, Kirkpatrick, Lloyd, Mitchell, Potter, Rundle, and Soper. Messrs. Kirkpatrick and Potter next reported on the work of the Pharmaceutical Committee. Mr. Kirkpatrick stated that the Pharmaceutical Committee had come to an arrangement with the Insurance Committee with regard to a rota for dispensing till 9 P.M. The expenses of the Committee have

been well within the amounts expended in previous years, and data are being collected for the 1918 Tariff. He thought it would be best to aim at increased professional remuneration rather than ask for increased profit on drugs. Mr. Potter spoke of Friendly Societies as the element throughout the country antagonistic to the dispensing by chemists, and attributed to them the opposition to closing at eight o'clock. He cited the case of Newcastle, where, owing to the depletion of chemists' staffs, national dispensaries had been set up. Mr. Lloyd reminded those present that it would be necessary for doctors to write "repeats" in full after eight o'clock under the rota system. Mr. Mitchell congratulated Messrs. Kirkpatrick and Potter on the result of the deputation, and said the effect would be a nail in the coffin of "repeats." Mr. Howling wrote stating that an Insurance doctor is in the habit of prescribing the large size Scott's Emulsion, for which only cost price is allowed by the Pricing Committee. Mr. Kirkpatrick suggested that there should be a profit on patents or it should be prohibited to prescribe them. With regard to eight-o'clock closing, Mr. Potter hoped that chemists would continue to close at this hour when the Home Office Order lapsed in April. Mr. Kirkpatrick, as a delegate to the London and Home Counties Association, reported that the Committee recommended the candidature of Mr. A. H. Jenkin and himself at the forthcoming Council election. The President moved and Mr. Potter seconded that the two candidates mentioned be adopted by the Association. Votes of thanks were given to the retiring officers. Mr. Soper reported that having been unable to obtain the 3*s.* size of Allenburys Food No. 2 from the makers, his customer had gone to Plough Court and purchased eight tins. He suggested that the facts should be communicated to Allen & Hanburys, Ltd.

Worcester.—The annual meeting of the Worcester Pharmacists' Association was held on March 15. In the absence of the President (Mr. A. E. Coverdale), the chair was taken by Mr. W. Corbett (Bromsgrove). The annual report and statement of accounts presented by the Hon. Secretary and Treasurer (Mr. D. G. Pout) were adopted. The officers and Committee were re-elected with the following exceptions: Mr. W. Selleck, J.P. (Stourbridge), was elected a Vice-President in the place of the late Mr. Thomas Lunn, and Mr. F. Biggs (Stourbridge) replaces Mr. Selleck on the General Committee. The Pharmaceutcial Society's circulars relating to Drug Tariff revision, etc., were considered. A good deal of discussion took place as to the remuneration for 1918. A number of members advocated a profit on drugs and appliances. Mr. Gedge (Malvern Link) thought the profit should be 20 per cent., with a minimum charge of 0.2*d.*, or without that minimum 25 per cent. Mr. W. A. Smith (Pershore) advocated ignoring the profit on drugs and concentrating on the dispensing-fees, thus obtaining remuneration for professional services rendered. Mr. E. G. Trevethick (Kidderminster) and Mr. A. Critchley Smith (Pershore) were elected members. A collection made for the Orphan Fund realised 25*s.*

Trade Notes.

FRAME-FOOD JELLY has been advanced in price to 1*s.* 3*d.* per jar and the minimum retail price has been raised from 11½*d.* to 1*s.* 2½*d.*

"PARAKO" is the name of a wax-like preparation which John Bell & Croyden, Ltd., 50 Wigmore Street, London, W., compound for the treatment of trench feet, burns, and similar ailments. They supply it in tablets of 1 lb. and upwards.

KNOLL'S PREPARATIONS.—Hammond Jeffery & Co., Ltd., 8 Harp Lane, London, E.C., are the English owners of these, and have stocks of bromural, diuretin, santyl capsules, styptol, and tannalbin, which they can supply to chemists and doctors.

ARMOUR'S THYROIDS are standardised to 0.2 per cent. of iodine in thyroid combination. Armour & Co., Ltd., Holborn Viaduct, E.C., make an interesting announcement regarding them this week.

BURROUGHS WELLCOME & CO., Snow Hill Buildings, London, E.C.1, are having a big demand for tabloid tea and tabloid "Saxin," and have produced an attractive showcard, of which they will supply a copy to any retailer who sends them a postcard request for it.

THE STANDARD TABLET AND PILL CO., LTD., Hove, supply their bismuth dyspepsia tablets, the formula of which is given in their advertisements, at 6*s.* per dozen packages, with the retailer's name and address upon them without additional charge. The company are making a feature of formalin throat tablets, which they also supply stamped and labelled as "Formamint," at 8*s.* per doz.

OXYGEN TOOTH-POWDER.—Francis Newbery & Sons, Ltd., Charterhouse Square, London, E.C., have added to their No. 5 series of powder dentifrices an oxygen tooth-powder, which does its work remarkably well, the teeth being quickly freed from tobacco and other stains. The powder is white, impalpable, nicely perfumed, and in use gives just a little foam that assists the cleansing. It is in three sized golden boxes, handsomely labelled, and costs 36*s.*, 40*s.*, and 48*s.* per gross.

"ALLENBURYS" FOODS.—Allen & Hanburys, Ltd., Bethnal Green, London, E., inform us that owing to increased cost of materials, etc., they have advanced the prices of "Allenburys" foods and diet, so that the No. 1 and No. 2 Milk-foods and "Allenburys" Diet will retail at face values, 1*s.* 9*d.* and 3*s.* 6*d.*, the wholesale prices being 18*s.* and 36*s.* per dozen, subject to 7½ per cent. discount on monthly account. "Allenburys" Malted-food No. 3 is also to retail at the face values, 6*d.*, 1*s.*, 2*s.*, 5*s.*, and 10*s.*, being 5*s.*, 10*s.* 3*d.*, 20*s.* 6*d.*, 51*s.* 6*d.*, and 103*s.* per dozen. The amended prices yield the retailer 20 per cent. profit on return, and came into force on March 20, 1917. (See Coloured Supplement.)

WRIGHT'S COAL-TAR SOAP window-displays have been profitable and useful to the retail trade since Wright, Layman & Umney, Ltd., Southwark, London, S.E.1, introduced them. Now pressure resulting from war conditions and the extra demand for Wright's coal-tar soap have compelled them to withdraw their special arrangements. They also notify in an advertisement in this issue that the retail price of the soap was advanced to 4½*d.* per tablet on March 12. In their advertisement the company print a complete price-list of Wright's coal-tar specialities, in which retail prices, ordinary wholesale prices, and the lowest price for 5*l.* orders and upwards are given.

PEARS' PRICE-LISTS.—A. & F. Pears, Ltd., 71-75 New Oxford Street, London, W.C., have issued this week three new price-lists: (1) Pears' soap (transparent), (2) opaque soaps, and (3) perfumes and toilet-preparations. We recommend subscribers to write to the company for copies of these, but meanwhile we may note that the minimum retail price of the unscented transparent soap is 4½*d.* per tablet, wholesale 3*s.* 8*d.* per dozen; the minimum retail price of the shilling shaving-stick is 10*d.*, wholesale 7*s.* 3*d.* per dozen; and the No. 3 washball is 2*s.* minimum retail, or 18*s.* 6*d.* per dozen wholesale. Carriage is paid on 1*l.* orders, cases free, and 2½-per-cent. discount on 4*l.* orders.

FILTRATION-MEDIUM.—Bratby & Hinchliffe, Ltd., manufacturing chemists, Ancoats, Manchester, have sent us a pamphlet they publish which explains the uses of "Filbrite" asbestos, a perfect material for clearing tinctures, distilled waters, oils, and syrups. As we mentioned some time ago, the company on the outbreak of war took up the manufacture of filtering-asbestos, and succeeded in making a product far superior to that which had been supplied from Germany. It is due to Bratby & Hinchliffe that their enterprise should be recognised to the exclusion in future of enemy-made filtering-asbestos. Chemists who have asbestos-powder filters installed can help by refusing to employ in these filters anything but British-made filtering-medium.

PLEWS' SPECIALITIES.—We have on several occasions referred to the attractive specialities shown in a City pharmacy by Mr. Frank H. Plews, F.C.S., and now we note that these are produced in Sharatt Street Works, Canterbury Road, London, S.E., the headquarters of F. H. Plews & Co., who are the originators of "Llesna" toilet-preparations and various pharmaceutical products. Of these Vitaregis diuretic salt is an article which City men find advantageous. It is for the liver and kidneys, and is put up in enamelled tins containing nine powders, retailing at 1*s.* 6*d.* per tin. One powder first thing in the morning is a dose, and chemists are supplied with good advertising. Among the toilet-products which we have examined are "Llesna" toilet-cream, Parma-violet tooth-powder, rose tooth-powder, brilliantine, and toilet-paraffin, which are all well-compounded articles, put up in attractive and artistic styles.

"TINCTURE OF ANACKEL, 3*d.* brush." This comes to us from Edinburgh, where education is the leading industry.

SCARCITY OF MEDICAMENTS.—The Nederlandsche Maatschappij ter Bevordering der Pharmacie has supplied the Minister of the Home Department with a list of medicaments which are quite, or almost entirely, unobtainable in Holland at present. It is asked that the Government will promote, wherever possible, the manufacture of chemicals in Holland, and that others which cannot be produced in the country should be imported in larger amount.

Personalities.

Mr. John Taylor, J.P., chemist and druggist, Torquay, has been elected an Alderman of the Devon County Council.

Sir William Crookes, O.M., F.R.S., has been elected a Foreign Member of the Swedish Royal Academy of Science.

Mr. A. E. Hobbs, J.P., Ph.C., Tunbridge Wells, has been elected a Vice-President of the local Chamber of Commerce.

Mr. C. H. Milburn, chemist and druggist, High Street, Wetherby, Yorks, has offered his services for motor-tractor or motor-plough work on the land for two nights a week.

Mr. Ernest A. Pinchin, B.Sc., F.I.C., has been appointed additional public analyst for Camberwell, without salary, on the suggestion of Dr. Teed, with whom he has been for twenty-five years.

Mr. J. U. Thornton (The Iron-Ox Remedy Co.), New Chester, Sale, as W.M. of the Prince Leopold Lodge, presided at the Festival of St. John banquet given in the Masonic Hall, Chorlton-cum-Hardy, on March 14.

Mr. J. A. Cochrane, chemist and druggist, who was recently with Evans Sons Lescher & Webb, Ltd., Liverpool, has arrived in Colombo, Ceylon, to take up an appointment with Cargills, Ltd., at their Cinnamon Gardens branch.

Mr. Edmund Jones, pharmacist, Hanley, has been elected a member of the Stoke-on-Trent National Service Committee. He is also Chairman of the Hanley Recruiting Committee and a member of the Military Advisory Committee.

Mr. W. Armstrong Storey, Ph.C., B.Sc. (Lond.), formerly Demonstrator in the School of Pharmacy, and since 1914 analyst at the works of the Golden Valley Ochre and Oxide Co., near Bristol, has been elected a Fellow of the Institute of Chemistry.

John C. Lambert Parry, son of Mr. E. J. Parry, B.Sc., and grandson of the late Samuel Lambert, Mincing Lane, E.C., has received a Classical Scholarship in Rossall School. His oldest brother is the senior mathematical scholar of the school, and is going up to Cambridge.

Mr. Percy J. Ashfield, chemist, Rhyl, took a leading part in an entertainment given in the Grand Theatre there on March 15, in aid of the Red Cross Hospital Special Comforts Fund and the Advertising Association. He also participated in the entertainment, and delighted the audience greatly.

Military Tribunals' Decisions.

Since our last report the following decisions have been given:

Aberystwyth.—Conditional exemption was granted to Mr. R. J. Williams, assistant with Mr. B. Taylor Lloyd, dispensing chemist. The last-named is a lieutenant in the Army, and at present home on leave.

Aylesbury.—An appeal on behalf of T. E. Pullen, apprentice with Mr. John Wood, Ph.C., was dismissed, but he is not to be called up until March 26.

Bath.—The conditional exemption certificate of Mr. F. E. Cooper, dispensing chemist (Tylee & Cooper), was continued.

Battersea.—Conditional exemption was granted to Mr. C. Edwards, dispensing chemist, 336 Battersea Park Road.

Boston.—Exemption until June 30 was granted to D. F. Everitt, dispenser for Doctors Pilcher and Lock. Dr. Pilcher said it is impossible to send his prescriptions to chemists.—Exemption until June 1 was given on appeal to Mr. G. H. S. Payne, Ph.C., Old Leake.

Brierley Hill.—Three months' exemption was granted to Mr. White, manager and dispenser to Needhams, Ltd.

Cardigan.—The appeal of D. Davies, chemist's assistant, was refused, but he is not to be called up for two months.

Chadwell Heath.—The certificate of conditional exemption was renewed of Mr. W. R. Watson, dispensing chemist.

Deptford.—The application for exemption of Mr. E. G. Gallop, dispensing chemist, was adjourned for medical examination.

Exeter.—The following cases were reviewed at the last sitting of the Tribunal: P. J. F. Trestrail, chemist and druggist, and T. M. J. Scott, with Holman, Ham & Co., Ltd.; J. A. Baker, chemist and druggist, with Stone & Son; J. A. Prentice, with Fouracres & Co.; and T. Lyne, with Mr. C. H. Bard. Exemption was refused to Messrs. Trestrail and Prentice; the other three were exempted until July 31.

Farnham.—The case of Mr. A. S. Edwards, dispensing chemist, was before the Tribunal on March 1. A good deal of discussion ensued because of the Insurance Committee's decision that Mr. Edwards is entitled to exemption, the Tribunal regarding this as interfering with its powers. It was suggested that although the shop might be required, an older man could carry it on, but there is the difficulty of obtaining qualified men. Eventually one month's exemption was granted, with leave to appeal to the County Tribunal.

Gravesend.—At the West Kent Appeal Tribunal the appeal was refused of C. E. Owen, chemist's assistant.

Hoddesdon.—Conditional exemption was granted by the Ware Appeal Tribunal to Mr. H. F. Hayllar, dispensing chemist.

Keswick.—Conditional exemption was granted to Mr. S. Carlton Farrer, dispensing chemist.

Kingston-on-Thames.—Exemption until April 30 was granted to Mr. S. E. Walmsley, Ph.C.

Lincoln.—The Military Representative appealed against the exemption of Mr. H. W. Martin (Martin, Ltd.), and the exemption was reduced to two months.

Llanfair.—The appeal of J. E. Edwards, assistant with Mr. H. E. Ellis, Ph.C., was refused subject to substitution.

Melton Mowbray.—Exemption until May 1 was given to C. H. East, assistant with Mr. R. W. Brownlow, chemist and druggist, to enable him to complete a course of study.

Oakham.—Leave for further appeal was refused to W. H. Ellingworth, drug-store proprietor, who is not to be called up before March 30.

Oxford.—The Military Representative appealed against the grant of three months' exemption to S. A. Cleaver, with Mr. F. L. K. Loxley, Ph.C. (*C. & D.*, March 3, p. 34), and the appeal was allowed, but Mr. Cleaver is not to be called up for a month.

Peterborough.—Mr. J. H. Gann, chemist and druggist, who is studying medicine, appealed to the Northants Appeal Tribunal against the refusal to exempt him from military service. His appeal was dismissed, and Mr. Gann was refused permission to go before the Central Tribunal.

Pontefract.—Conditional exemption was allowed on appeal to Mr. R. Ramsden, dispensing chemist.

Redhill.—Exemption until June 6 has been granted to Mr. H. Hocken, dispensing chemist, and Mr. T. E. Wilmshurst, dispensing chemist.

Rochdale.—Exemption until May 31 has been granted to E. A. Wade, assistant with Mercers, Ltd.

Romford.—Conditional exemption granted to E. D. Allman, with Boots, Ltd., has been withdrawn.

Sheffield.—Exemption until June 30 was given to E. Burdall and H. Burdall (Burdall & Burdall, manufacturing chemists).—The appeal of the Military Representative against the exemption of Mr. A. R. Fox was disallowed.—Mr. H. B. Parratt, Abbeydale Drug Stores, appealed against the refusal to grant him exemption, but his appeal was disallowed.—The Military Representative's appeal against the exemption of Mr. G. C. Carter (Carter & Sons, wholesale chemists) was allowed.—Mr. H. J. Smith was exempted until May 15.—The foreman of the medicated-lozenge department of a confectionery-works was exempted until April 30, notwithstanding that the Lord Mayor had written to the Tribunal on his behalf.

Southwark.—Two months' exemption was granted to J. A. Gatehouse, chemist's assistant.—Exemption was refused to a clerk employed by R. W. Goold & Co., chemical-manufacturers.—Three months exemption was granted to the manager of the branch shop of Bewells, Ltd., 93 Walworth Road, S.E.—Mr. P. H. Galloway, chemist and druggist, was granted two months' exemption for a foreman, and three months' exemption for two carmen. Exemption for another carman was refused.

Stratford-on-Avon.—Conditional exemption was granted to Geoffrey Bancroft, pharmaceutical student.

Swindon.—A month's exemption was granted to H. S. Sparkes, apprentice to Mr. A. J. Shawyer, dispensing chemist. He desired exemption as a conscientious objector to military service of any kind.

Windsor.—Three months' exemption was granted to Mr. J. Hewitt, dispensing chemist (Russell & Co.).

Some Tribunals are agreeing that youths serving as apprentices to chemists should be allowed to remain in their present occupations when appeals are lodged on personal grounds.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C., March 22, 5.30 p.m.

Business in chemicals and drugs is decidedly on the quiet side, and at the high range of values now prevailing for practically all produce, buyers naturally purchase only absolutely necessary requirements. Since much higher rates of freight have prevailed for imports of chemicals from the United States, supplies from that quarter, especially of industrial descriptions like bleaching-powder, caustic soda, Epsom salt, hyposulphite of soda, soda ash, etc., have shown a heavy decline, which leaves prices for actual spot supplies abnormal and very dear, but not sufficiently high to permit of imports. So-called fine chemicals are mostly quiet, with a firmer tendency noted in hexamine and paraldehyde; salol and sulphonal are cheaper. In the absence of arrivals, calumba and sandarac are much dearer. Olibanum has been sold at firm prices, and good drop is very scarce. Menthol and juniper-berries are easier on spot. Extremely high prices are being paid for sarsaparilla. Ipecacuanha has been in fair demand.. Among fixed oils, castor is firmer for most descriptions; cottonseed and rape oils are dearer, soya firmer, and Ceylon coconut easier. New cod-liver oil production remains extremely small, the catch making but slow progress. In essential oils, lemon still tends downwards; star-anise and cassia are steady, and lime the turn easier.

Higher	Firmer	Easier	Lower
Calumba	Balsam Peru	Coconut oil	Lemon oil (c.i.f.)
Cottonseed oil	Castor oil	Juniper-berries	Menthol
Epsom salt	Coriander-seed	Linseed oil	Salol
Ginger (Afr. and Cochin)	Cream of tartar	Sulphonal	Turpentine
Mace (W.I.)	Fenugreek-seed		
Rape oil	Hexamine		
Sandarac	Paraldehyde		
Sarsaparilla	Pyrogallic acid		
Shellac	Quinine (sec. hands)		
	Soya oil		
	Tartaric acid		
	Turmeric		

Cablegrams.

Bergen, March 15.—The cod-fishing is making but slow progress. the catch amounting to five millions, against 12,200,000 at the corresponding date of last year. The yield of steam-refined oil is 8,661 barrels, against 16,595 barrels at the same date of 1916. Market is lifeless.

New York, March 21.—Business is quiet. Menthol is lower at $3.35 per lb. Balsam Peru is 20c. per lb. higher at $3.40. Cartagena ipecacuanha has been reduced a further 10c. per lb. to $2.00. Mexican sarsaparilla is steady at 17½c. Buckthorn-bark is lower at 23c., and cascara sagrada is steady at 11c. per lb.

Acetanilide.—Spot prices range from 2*s.* 11*d.* up to 3*s.* 3*d.* per lb., according to holder, and to come forward from 2*s.* 9*d.* to 3*s.* is quoted.

Acetyl-salicylic Acid remains unchanged, with sales of small parcels at 15*s.* 6*d.* per lb. for B.P. quality of British or Swiss make. British makers are willing to shade American prices. Imports from United States appear to be at a standstill for the present, and with the high freights and insurance a profit could not be made to import at present prices. Acetic anhydride is tending upwards again, the imports from United States and Switzerland being insufficient to meet the demand, which in certain quarters is large.

Ammonia Sulphate.—Home trade price is 15*l.* 10*s.* per ton for 24½-per-cent. Export prices are nominal in view of the total prohibition.

Anise Oil (Star).—"Red Ship" brand is steady at from 3*s.* 5½*d.* to 3*s.* 6*d.* per lb. on the spot, and to arrive 3*s.* 2½*d.* c.i.f. is quoted.

Annatto-seed.—West Indian is offered at from 9*d.* to 10*d.* per lb. on the spot.

Balsam Peru is rather firmer at 15*s.* 6*d.* per lb. net on the spot. See also N.Y. cable.

Belladonna-root.—From parcels due shortly, a limited quantity, testing over .05 per cent., is offered at 6*s.* 9*d.* per lb. for genuine Atropa. Japanese (Scopolia) is also offered at 225*s.* per cwt.

Bergamot Oil is quoted at from 16*s.* to 16*s.* 6*d.* c.i.f., the spot values being from 18*s.* to 20*s.*

Bromides are unchanged. Based upon present prices in United States, the ruling spot values are regarded as too low in view of the high freight rates and insurance, and it looks as if some improvement will have to be made. Certain supplies which were advised as having been shipped have not come to hand.

Calumba continues very scarce, and much higher prices have been paid, including 60*s.* per cwt. for ordinary washed sorts.

Cascara Sagrada.—At the quotation of 100*s.* per cwt. spot small lots only are changing hands.

Cassia Oil is steady, at 4*s.* 5*d.* per lb. spot for 80 to 85 per cent. c.a., and 4*s.* 2½*d.* for 70 to 75 per cent.

Castor Oil is firm, with English make of first pressing in barrels offering at 72*l.* per ton f.o.b. Hull for spot and forward delivery. English medicinal quality in tins and cases has been sold at 82*s.* 6*d.*, and another quotation is 85*s.* in casks. French medicinal in tins and cases is offering at 90*s.* per cwt. on spot, and in Liverpool 7¾*d.* per lb. is now asked for good seconds Calcutta.

Chillies are firm, with Mombasa offering at from 92*s.* 6*d.* to 95*s.*, Japanese 95*s.* to 100*s.*, and Nyasaland 105*s.* to 110*s.* per cwt.

Citric Acid remains firm at from 3*s.* 4*d.* to 3*s.* 5*d.* per lb.

Citronella Oil.—Ceylon is scarce, at 1*s.* 9*d.* on the spot.

Civet.—Genuine is quoted at 12*s.* per oz., at which sales have been made.

Cloves.—Fair arrivals are taking place from Zanzibar; the London stock is 15,500 bales, against 12,400 bales in 1916 and 10,200 bales in 1915. Market is quiet, with fair Zanzibar offering at 8 13/16*d.* on the spot, with buyers at 8¾*d.*: to arrive, January-March shipment, value is 8 5/16*d.* c.i.f.

Cocaine.—Small quantities of hydrochloride are still to be had at 27*s.* 6*d.* per oz. net; supplies are still very short.

Cod-liver Oil.—Our Bergen correspondent writes on March 12 that the new cod-fishing is making slow progress only. To-day's report give the following figures:

	1914	1915	1916	1917
Catch of cod (millions) ...	27.0	23.7	12.2	5.1
Yield of c.l.o. (hect.) ...	22,400	22,800	16,600	8,700
Liver for "raw" oils (hect.)	4,400	4,000	2,100	2,000

There is still no business to report on the market. In London, agents appear to be without offers of new Norwegian oil, the quotations for 1916 crop medicinal quality being from 390*s.* to 400*s.* per barrel.

Copper Sulphate.—Quiet at 61*l.* to 61*l.* 10*s.* per ton for the usual brands of 98-per-cent. pure. For home agricultural use the price direct to farmers as fixed by the Government is 50*l.*

Coriander-seed.—Small sales have been made at 80*s.* per cwt. on the spot for Morocco, an advance of 2*s.* 6*d.*

Coumarin is scarce, with spot business at 58*s.* per lb.

Cream of Tartar is very scarce on the spot, and firmer at 200*s.* per cwt.

Digitalis-leaves.—Steady, with English offering at 1*s.* 6*d.*, and foreign at 10½*d.* per lb. on spot.

Epsom Salt.—With the makers unable to offer, parcels have been changing hands from dealers at between 16*l.* and 20*l.*, and even at 22*l.* per ton, which price is quoted to-day for small lots of B.P. quality.

American makers of Epsom salt are no longer offering prompt shipment goods, and prices are moving up. Makers state that the nearest offerings are now April delivery, which is quoted at $3.10 for U.S.P. There are perhaps one or two carloads of Epsom salt available on spot (New York) at $3.00 to $3.33⅓, but embargoes on railways have

held up shipments, and another factor has been the cessation of imports of magnesite.—*N.Y. Commercial*, March 6.

Ergot has been selling rather more freely of late, with sound Russian offering at from 1*s.* 10*d.* to 1*s.* 11*d.* per lb. on the spot.

Fenugreek-seed.—Small sales on spot have been made at 40*s.* per cwt.

Formaldehyde.—The position is as given last week, although some firms are trying further to inflate prices. When a large quantity is required it may be as well to remember that the Government are accustomed to commandeer supplies, especially when dealers are holding out for excessive profits.

Ginger.—Holders of Sierra Leone in Liverpool ask from 45*s.* to 47*s.* 6*d.* per cwt., at which small sales have been made. Cochin on the spot is dearer at 67*s.* 6*d.* to 70*s.* for fair sound; common to good common Jamaica is 90*s.* to 95*s.*, and medium to good 100*s.* to 110*s.*

Gum Acacia is quiet, with Kordofan sorts offering at from 67*s.* 6*d.* to 70*s.* per cwt. on the spot, and at 57*s.* 6*d.* c.i.f. for shipment.

Henbane-leaves of ordinary quality are offered at 6*s.* 6*d.* per lb.; good green are practically unobtainable.

Hexamine commands 3*s.* 3*d.* per lb. owing to the dearer rates for formaldehyde.

Honey.—Sales of West Indian from dealers' hands have been made at up to 100*s.* per cwt. Jamaica is offered to arrive for March-May shipment at 90*s.* c.i.f.

Hydroquinone.—Supplies are rather short owing to makers having sold their production, and prices are showing a tendency to improve.

Insect-flowers.—Japanese offer at from 170*s.* to 175*s.* per cwt. on the spot.

Ipecacuanha is steady, with Matto Grosso offering at from 10*s.* to 10*s.* 6*d.* as to quality. Cartagena is 10*s.*, Johore and Minas 9*s.* 9*d.*

Juniper-berries.—Owing to recent arrivals, spot prices are slightly easier.

Lemon Oil.—The downward tendency is still apparent, Sicilian shippers offering at 3*s.* 9*d.* per lb. c.i.f.; spot prices are from 4*s.* to 4*s.* 3*d.*

Lime-juice.—Stocks are fairly plentiful and demand quiet, with good Jamaica offering at 2*s.* 9*d.* per gal.

Lime Oil.—Quotation for fair West Indian distilled remains at 8*s.*, but, with a firm order, slightly less would be taken.

Mace.—At auction 45 packages West Indian sold at steady to 1*d.* to 2*d.* per lb. higher rates, including good bold pale, 2*s.* to 2*s.* 2*d.*; fair, 1*s.* 9*d.* to 1*s.* 11*d.*; ordinary, 1*s.* 7*d.* to 1*s.* 8*d.*; and broken, 1*s.* to 1*s.* 1*d.* per lb.

Menthol.—Quiet, and the turn easier, with Kobayashi-Suzuki offering on the spot at 12*s.* 6*d.*, and "outside" brands at 12*s.* 4½*d.*

Methyl Salicylate is offered at from 5*s.* to 5*s.* 3*d.* per lb on the spot. Genuine *Wintergreen* oil is worth about 13*s.*

Nutmegs.—At auction 224 packages West Indian sold at generally steady prices.

Oils (Fixed).—*Linseed* is quiet, closing at 51*s.* 9*d.* per cwt. in pipes landed and 52*s.* 9*d.* landed in barrels. *Cottonseed* is dearer at 54*s.* for crude in pipes, and pale refined in pipes on spot is 55*s.*; for sweet refined in barrels from 62*s.* to 64*s.* is quoted. *Rape* is dearer, with ordinary brown naked on spot offering at 64*s.* British refined in barrels is 69*s.* *Coconut* is easier at 72*s.* for Ceylon in hogsheads on spot and 69*s.* in pipes. Cochin on spot is 71*s.* to 74*s.*, and shipment 69*s.* 6*d.* per cwt. c.i.f. London pressed is 53*s.* to 54*s.*, as to position. Hankow *Wood* oil is unchanged at 87*s.* spot, and to arrive 84*s.* c.i.f. is quoted. *Soya* is firmer; Hull (spot) crushed is 52*s.* 6*d.*, and in London January-February shipment is 53*s.* c.i.f. Lagos *Palm* is firm at 49*s.* on spot, and 46*s.* ex quay Liverpool. Japanese *Fish* is firm at 38*s.* 6*d.* c.i.f. afloat. English *Lard* oil is 111*s.* 6*d.* to 125*s.*; *Seal*, 50*l.* to 66*l.* per tun; *Whale*, 40*l.* to 45*l.*; bright *Sperm*, 55*l.*; cod, 45*l.* nominal; *Olive*, 90*l.* to 110*l.* per tun. Finest English *Colza* is 76*s.* per cwt.

Olibanum is firm. Sales of garblings have been made at from 30*s.* to 35*s.* per cwt. for good to fine, down to 22*s.* 6*d.* for common; good drop is very scarce, and 180*s.* per cwt. is asked for a small parcel.

Opium remains firm, the spot value of 10-per-cent. Persian being 38*s.* per lb., while 7-per-cent. druggists' quality is also 38*s.*, with continued small supplies. Fair arrivals of Indian opium have taken place lately, but they are all disposed of. We note that the price of druggists' opium in New York on March 9 was $25.00 per lb. for small lots, there being a lack of offers of any importance.

Orris.—Although fair arrivals are taking place from Italy, demand remains good, especially for powdered; Florentine sorts are offering at from 75*s.* to 77*s.* 6*d.* per cwt. as to quality.

Otto of Rose.—In London, Turkish is selling at 80*s.* per oz., and some ask more for guaranteed pure. French is selling at from 50*s.* to 55*s.* per oz. The "Ztschr. d. Allg. Oesterr. Apoth. Ver." of February 24, 1917, states that the Turkish crop of otto of rose for 1916 is estimated at from 40,000 to 50,000 miskals (1=4.811 grams), but these figures are quite approximate. As the weather was favourable and the roses abundant, it was thought the production of otto would be very satisfactory, but it proved otherwise, as the oil yield was poor, the quality, however, being good. As in 1915, there was practically no demand for the otto.

Paraldehyde is becoming more difficult to obtain, and higher prices have been paid, up to 13*s.* 6*d.* being quoted.

Peppermint Oil.—Sales of American in tins have been made at 11*s.* per lb. net on the spot, and to come forward 10*s.* 6*d.* c. and f. is quoted; H.G.H. is 15*s.*, London terms.

Peppers are firm but quiet, with sellers of fair black Singapore on spot at 11½*d.*, white Singapore at 1*s.* 1*d.*, and Muntok at 1*s.* 1⅝*d.* per lb.

Phenacetin.—The tendency is, if anything, firmer, at from 77*s.* 6*d.* to 80*s.* per lb.

Phenazone is somewhat scarcer, at from 52*s.* 6*d.* to 55*s.* per lb. on the spot.

Potash Carbonate is offered at 105*l.* per ton on the basis of 85 to 90 per cent.

Pyrogallic Acid.—Owing to the advance in freights from United States, prices are higher, with re-sublimed offering at 17*s.* and crystals at 16*s.* per lb.

Quinine has been in very fair demand, and a large export business is in progress or pending. The spot value in second-hands is from 2*s.* 8½*d.* to 2*s.* 9*d.* per oz.

Quinine Hydrochlor is selling at 3*s.* 3*d.* per oz. on the spot.

Saccharin continues scarce and wanted; sales of 550 have been made at from 240*s.* to 245*s.* per lb., duty paid.

Salicylates.—Sodium salicylate powder of B.P. quality is steady at from 5*s.* 3*d.* to 5*s.* 6*d.* per lb. for spot parcels; parcels afloat are offering at 5*s.*, and for prompt shipment from United States 4*s.* 3*d.* is quoted. Salicylic-acid crystals B.P. is 4*s.* to 4*s.* 3*d.* per lb. The present low rates for salicylic acid has led to a revival in consumption in quarters where previously the price had placed its use out of reach.

Salol is offering at the easier price of 9*s.* 6*d.* per lb. on spot.

Sandarac is dearer, sales of drop having been made up to 137*s.* 6*d.* per cwt.

Sarsaparilla.—With no arrivals taking place the scarcity is becoming more acute, and fancy prices are being paid for retail lots of Lima-Jamaica character by needy buyers. Native Jamaica is selling at from 1*s.* 4*d.* to 1*s.* 5*d.* Mexican is 1*s.* 5*d.*, and Honduras is 2*s.* 3*d.* to 2*s.* 6*d.*

Senna.—Judging by arrivals, an unusually large quantity of Tinnevelly pods will be offered at the next drug-sale on Wednesday, April 4.

Shellac is quiet but dearer, the spot market for TN having advanced a further 6*s.* per cwt., usual standard Orange selling up to 197*s.* 6*d.* for fair; fine Orange is 265*s.* A C Garnet is dearer, at from 199*s.* to 200*s.* for slightly cakey to cakey. Futures are dearer, the sales including TN for March at 193*s.* 6*d.*, May 191*s.* to 200*s.*, and August at 205*s.*

Soda Hyposulphite is very scarce, with odd parcels offering at from 19*l.* to 20*l.* per ton for ordinary crystals; pea size do not appear to be available. The high rate of freight on imports of this chemical from the United States precludes any supplies from this source, and market values are largely nominal.

Soy.—Sales of Seuloong (Owl brand) have been made at 3*s.* 6*d.* per gal., duty paid. We notice the arrival of 100 casks.

Sulphonal is easier at 37*s.* per lb. net on spot.

Sulphur.—Practically all the imports brought into the United Kingdom from Sicily are on behalf of the Government, and in dealers' hands only small lots are obtainable on the basis of 37*l.* 10*s.* per ton for Sicilian flowers and 35*l.* for roll. British recovered is selling at irregular but dearer rates.

Tartaric Acid remains firm at 2*s.* 10*d.* per lb.

Turmeric is firmer, with fair Madras finger selling at from 45*s.* to 47*s.* 6*d.* per cwt. on spot.

Turpentine is slightly easier on the week, closing at 52*s.* 3*d.* per cwt. for American on the spot; French is quoted at from 54*s.* 6*d.* to 55*s.* 6*d.*, and Russian is nominal.

Italian Pharmaceuticals.—Aspirin, salicylic acid, and sodium salicylate of Italian make are being advertised freely in Italian trade papers. The importation of drugs and galenicals into Italy has largely decreased of late.

Arrivals of Chemicals, Drugs, etc.

The following is a selection of arrivals in the Port of London during the period March 13 to 20 inclusive. The countries specified are those from which the goods are consigned.

Acetanilide (U.S.) 10 kgs.
Acetic acid (U.S.) 174 brls.
Acetyl-salicyl. ac. (Swz.) 20 cs.
Albumen, egg (Ch.) 6,214*l.*; egg desiccated (Ch.) 724*l.*; egg, liquid (Ch.) 770*l.*; egg-powder (Ch.) 2,918*l.*, (Cey.) 1,251*l.*; egg-yolk (Ch.) 6,140*l.*, (Jp.) 550*l.*
Aloes (U.S.) 100 cs.
Aloin (U.S.) 1 cs.
Amidopyrin (Swz.) 3 cs.
Anise oil, star (H.Kong) 25 cs.
Antim., crude (Ch.) 75 tons
Antim. ore (Transvaal) 145 tons
Antim. reg. (Jp.) 10 tons
Antipyrin (Swz.) 4 cs.
Argol (It.) 595 bgs., (Sp.) 3,173 pkgs.
Arsenic (U.S.) 2,632 cwt., (Fr.) 4 pkgs.
Baking-powder (U.S.) 900 pkgs.
Balsam peru (U.S.) 11 cs.
Barytes (It.) 400 bgs.
Bay-berries (It.) 16 bls.
Bromides (U.S.): ammou. 8 cs.; potash 5 cs.; soda 9 cwt.
Cachou de laval (Fr.) 40 cks.
Calc. carbide (Swd.) 10,386 cwt.
Camphenol (U.S.) 10 kgs.
Camphor (Jp.) 164 cs.
Camphor oil (Jp.) 50 cs.
Cantharides (H. Kong) 20 cs.
Cardamoms 52 pkgs.
Casein (Fr.) 7,681*l.*, (N.Z.) 2,582*l.*, (B.I.) 804*l.*, (Vic.) 4,300*l.*
Cashew-nuts (B.I.) 492 cwt.
Cassia lignea (H.K.) 200 cs. 300 bls.
Cerium nit. (U.S.) 83*l.*
Chaulmoogra oil (B.I.) 20 cs.
Chemicals, unrated (Fr.) 34*l.*, (Swz.) 18*l.*
Cinchona (Holl.) 136 cs. 900 bls.
Citrate of lime (It.) 17 cks.
Citric acid (It.) 350 kgs. 30 cks.
Copaiba (U.S.) 50 cs.
Copra, 6,580 cwt.
Corrosive sub. (It.) 50 cs.
Coumarin (U.S.) 4 kgs.
Cream of tartar (Fr.) 68 cks., (It.) 12 pkgs.
Damiana (U.S.) 12 bgs.
Dental goods (Swz.) 3,215*l.*, (U.S.) 1,996*l.*
Digitalis (Fr.) 4 bls.
Dioxogen (U.S.) 100 cs.
Dog-grass root (Fr.) 7 bls.
Drugs, unrated (Fr.) 54*l.*
Ethyl chlor. (Swz.) 1 cs.
Eucalypt. oil (Vic.) 2 dms.
French chalk (Fr.) 263*l.*
Fullers' earth (Jp.) 10 tons
Gentian (It.) 62 bgs.
Gallic acid (Swz.) 2 brls.
Glucose (U.S.) 2,060 cwt.
Ground-nuts (S. Nig.) 3,000 cwt. (P.E. Af.) 436 cwt., (Ch.) 1,460 cwt.
Guaiacol carb. (Swz.) 5 cs.
Gums: acacia (Fr.) 5 cwt., (Egy.) 2 cwt.; acroides (N.S.W.) 48 cwt.; animi (Zan.) 87 cwt.; copal (S.S.) 300 cwt.; damar (S.S.) 112 cwt.
Heliotropin (U.S.) 1 kg.
Henna-leaves (Egy.) 11 bls.
Hydrastis (U.S.) 1 cs. 2 bls.
Indigo (Jv.) 39 cs. (B.I.) 24 cs.; indigo paste (B.I.) 4 dms.
Ipecacuanha (S.S.) 60 bgs.
Isinglass (S.S.) 8 cs.
Juniper-berr. (It.) 185 bls.
Lemon-juice (It.) 7,240 gals.
Liquorice-juice (It.) 250 cs.
Menthol (Jp.) 130 cs.
Methyl salicyl. (U.S.) 6 cs.
Milk powder 408 cwt.
Milk powder, pept. (U.S.) 24 cs.; pancreatin 1 cs.; peptone 3 cs.
Mineral jelly (U.S.) 343 cs.
Mineral white (Fr.) 140*l.*
Monomethyl paramidophenol (Fr.) 1 cs.
Oils, essential (Arg. Rep.) 33 cs., (Fr.) 20 cs., (It.) 35 cs., (Sp.) 2 dms., (U.S.) 65 cs. 5 brls. 6 dms., (Jp.) 35 cs., (Jv.) 1 dm. 4 cs. (Reunion) 1 dm., (Cey.) 4 cs., (H. Kong), 50 cs.; *synthetic* (Fr.) 1 pkg.
Oils, fixed: arachis (Jp.) 2,000 cs., (B.I.) 480 brls.; castor (B.I.) 3 cs. 186 brls.; coconut, unref. (Cey.) 438 pkgs. 175 pps. 24 pns. 16 hds.; fish (Jp.) 1,950 cs.; herring (Jp.) 500 cs.; olive oil, ref. (It.) 425 gals. (Sp.) 200; soya (Jp.) 550 cs.; wood (Ch.) 5,970*l.*
Opium (Egy.) 5 cs., (B.I.) 100 cs.
Orris (It.) 232 bgs., (Mor.) 2 bgs.
Palm-kernels (S.Nig.) 425 cwt.
Patent medicines (U.S.) 8 pkgs.; plasters 40*l.*; liniment, 2,473*l.*; serums, etc. 96 bxs.; surg. dressings, bandages, etc. 693*l.*
Perfumery, unrated (U.S.) 171*l.*, (Fr.) 2,085*l.*; (Swz.) 352*l.*; toilet-powder (Fr.) 5,879*l.*, (U.S.) 1,910*l.*
Petrolatum (U.S.) 350 brls.
Phenacetin (U.S.) 5 cs.
Pot. iodide (Jp.) 15 cs.
Podophyll. resin (U.S.) 202*l.*
Pot. sulphoguaiacolate (Swz.) 8 cs.
Pumice stone 8 tons
Pyrogall, acid (U.S.) 5 cs.
Quinine (Holl.) 134,800 oz.
Rosin (U.S.) 250 brls., (France) 200 brls. 150 cks.
Salol (U.S.) 33 kgs. 1 cs.
Saltpetre (B.I.) 15,890 cwt.
Sandalwood oil (U.S.) 75*l.*
Sarsaparilla (Fr.) 10 bls.
Scammouy-root (U.S.) 98 bgs.
Seeds: apricot-kern. (Ch.) 185 bgs., (Jp.) 60 cwt.; canary (Mor.) 1,453 bgs.; coriander (Mor.) 300 bgs.; cottonseed (B. E. Af.) 14,735 bgs.; cumin (Mor.) 68 pkgs.; fenugreek (Mor.) 675 bgs.; linseed (Jp.) 392 bgs., (Ch.) 6,212 bgs.; mustard (It.) 290 bgs.; rape (B.I.) 4,569 bgs.; sesame (Ch.) 20 bgs.
Senega (U.S.) 10 bls.
Senna (Egy.) 66 bls. 10 pkgs.
Soap, household (Fr.) 99*l.*; toilet (Fr.) 312*l.*
Soda salicylate (U.S.) 23 cwt.
Soy (H.K.) 100 cks.
Spices: cassia-bark (Jp.) 212 bgs.; cinnamon (Cey.) 144 bls.; cinnamon chips 100 bls.; cloves (B.E.Af.) 900 cs., (Zan.) 5,287 bls.; nutmegs (S.S.) 75 cs.; pepper (B.E. Af.) 797 bgs., (S.S.) 1,411 bgs., (B.I.) 21, (Zan.) 320
Spirit, perf. 188 gals.
Sponge (Fr.) 11 bls., (U.S.) 69 bls.
Starches: dextrin (Jp.) 500 cwt.; farina (Jp.) 790 cwt.; maize (U.S.) 790 cwt.; potato flour (Jp.) 3,742 cwt.
Stramonium (It.) 20 bls.
Subitol (Jp.) 50 cs.
Sulphonal (Swz.) 2 cs.
Tartaric acid (It.) 105 brls. 40 cks.
Thorium nit. (U.S.) 8,149*l.*
Vacuum flasks (U.S.) 2,115*l.*, (Jp.) 904*l.*
Vanilla (Fr.) 2 cs.
Veratrine (U.S.) 1 cs.
Wax, bees' (Mor.) 103 bgs., (Fr.) 301 pkgs., (It.) 30 bgs., (U.S.) 33 pkgs., (B.E. Af.) 177 bgs., (Port. E. Af.) 92 bgs. (Zan.) 345 bgs., (U.S.) 9 bgs.
Wax, paraffin (U.S.) 7,057 cwt.
Wine-lees (Vic.) 94 bgs.
Witch-hazel bark (U.S.) 6 bls.
Zymine pept. tubes (U.S.) 2 cs.

In Russia croton oil is being used to denature alcohol in place of methyl alcohol, which is not available in sufficient quantities.

Canadian Calcium Cyanamide.—The Canadian production is about 43,000 cwt. annually, and is rapidly increasing to meet a growing export demand.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Howards' Goods.

Sir,—Our attention has been drawn to the fact that some individual has been calling upon the trade and offering our goods (principally Epsoms) stating that he is an agent or traveller of ours. He has been heard of on the South Coast, and quite recently in the Manchester district. We therefore beg to say that our only representatives in the United Kingdom are Mr. F. Bromwich and Mr. H. F. J. Ball, and we particularly request that any house who receives a visit from any other person claiming to be our representative or agent will be good enough to communicate with us at once.—Yours truly,

Howards & Sons, Ltd.,
Ilford. G. E. Howard, Director.

Empties.

Sir,—With reference to the letters of Messrs. Brown and Lescher it seems to me that a little give-and-take between wholesalers would help matters considerably. Take hampers alone. I have several from a London house, charged anything from 3*s.* 6*d.* to 6*s.* each, and the other day a local house wrote to ascertain if I had any of their own hampers as they were quite without. The obvious thing seems to be for the local house to take the London hampers, credit me with the prices charged to me, and debit their customers at the same price. It is all very well for wholesale houses to say that they have written to the railway companies, who will in due course collect. The railway companies have a very convenient waste-paper basket. We shall have to buy from houses who can deliver and collect or from those wholesalers who send their goods in non-returnable containers. Yours truly,

Manchester. F. W. Bates.

Great Britain and Ireland Qualifications.

Mr. John H. Boardman, L.P.S.I., writes in support of Mr. H. C. Meyrick's observations in our issue of March 3, p. 51. and "Oxo's," March 10, p. 97, saying: "Being myself over the military-age limit, I intended to convey in my previous communication that others similarly circumstanced be permitted to fill the positions in England and Scotland vacated by their more fortunately circumstanced juniors during the continuance of the present war, such permission not to include the right to open business on their own account. I have at various times replied to some of the numerous advertisements appearing weekly in your Coloured Supplement, even when such 'ads.' do not state 'qualified,' and I almost invariably receive the reply—'The Irish qualification not being recognised in this country, it is incumbent upon me (or us) to have a man possessing the Minor of G.B.'"

The Decimal Point.

Chemist (244/55) writes: "The objections taken to the dot as a decimal point by Mr. Humphreys Jones at Liverpool seem to me puerile and negligible. That this point may be dropped in careless printing is true, though I do not remember to have met with a case of the kind, but so might other symbols; that it might be misread if badly written is again true, not of it only, but of any of the proposed substitutes. The comma is open to a still more serious objection: it would make impossible the rather important distinction between 1,825 (say) and 1.825. The hyphen might have an equally disastrous effect if carelessly written, by changing the decimal into a minus quantity. As for the error of supposing that a numeral preceding the point had been omitted in writing .05, I really do not see why such a wholly gratuitous idea would be more likely to occur than if the decimal had been .15, or had been written as ,05. Our present practice has incidentally the peculiar advantage of being literally a point, whereas none of the proposed substitutes has any right to be so called except in a transferred sense." [We have already indicated that omission of the figure *before* the decimal point is peculiar to this country. The omission is usual in the case of the cypher only, but even in that case .15 is to those unfamiliar with the English habit a dubious expression that may mean anything from 0.15 upwards.—Editor *C. & D.*]

Venereal Diseases Bill.—Panic Legislation.

Sir,—The Royal Commission report discloses the fact that during and immediately after a war there is an abnormal prevalence of these diseases. Surely that is no real reason why any sound and acknowledged remedy should be forbidden to be sold under heavy penalties by properly qualified chemists? For instance, salvarsan has been frequently and publicly mentioned and extolled, but sandalwood oil appears to be ignored. The world-wide use of this valuable essential oil must be to the good, it could not possibly be to the bad; it is practically known to all but the very ignorant; it is neither a monopoly, a secret, nor a quack medicine, and such an article should be obtainable easily and freely from chemists, and not restricted solely to the doctor's surgery. There is a district in the home counties where the population is 12,000, and there is only one doctor (owing to war conditions, etc.). In such a place the restriction of the sale of B.P. drugs would be a disaster to the community, and probably defeat the very objects aimed at in this Bill, especially considering the rumours (and probable ultimate adoption) of doctors' "notification." The Food and Drug Acts should be more strictly enforced to ensure purity of certain drugs and oils, and they should only be sold under the same conditions as in the Australian Commonwealth, which provides that the note given below be plainly printed upon every label. This would be a sound business proposition and not "panic legislation." Yours truly,

Stratford. J. G. Robbins.

NOTE.—In any case if the disease does not yield promptly and completely to treatment, medical assistance should be sought without delay. The danger of spreading the disease, even after apparent cure, must not be forgotten, and reliable medical opinion as to the cure should always be obtained.

Legal Queries.

L. S. Co. (246/60).—As the business is that of a limited company, it will not be necessary to register under the Registration of Business Names Act.

G. A. P. (246/57).—You and your father must register as a firm, but it will not be necessary to have the individual names on the labels. (See reply to "Tyne," *C. & D.*, March 17, p. 52.)

E. B. S. C. (245/36) carries on business under a firm name, which includes his father's name, but not his, although he is the proprietor of the business. Must he register under the Registration of Business Names Act? [Yes, as an individual.]

Healo (246/74).—You will find in the article "Registration of Companies," *C. & D. Diary*, 1917, p. 210, particulars of the stamp-duties payable on the registration of a company. You do not tell us what the capital of your company is to be, but you can judge approximately from the figures given.

Dubious (178/17) would like to know if he should register under the Registration of Business Names Act. His name is not on the front, but his predecessor's name is in gilded wood blocks on a frame with a phœnix on top. His name is also etched into the glass of the door, but all the labels used by "Dubious" bear his own name, and the place is known as his. The predecessor is dead, and "Dubious" uses his name (late ——) after his own. [It is not necessary to register. When the Act was in Parliament a case similar to this was mentioned, and it was said that it would be hard at the present time for a man to alter his facia while he was in other familiar ways making it known to the public that the business is his.]

Mortgagee (242/25) has arranged with his mortgagee to pay off the mortgage upon his house at short notice. He understands that he is entitled to six months within which to pay off the principal and interest secured by the mortgage, and asks whether he will incur any liability if he fails to pay the money on the day agreed upon. Will it be necessary, when he has paid off the mortgage, to have the property re-conveyed to him, or will it be sufficient if he obtains possession of the title-deeds? [Without seeing the mortgage-deed and having a more complete knowledge of the facts it is impossible to advise subscriber, and we recommend him to consult a solicitor. Assuming that the mortgage is a "legal" one, in ordinary form, we do not think that our querist can incur any liability by failing to pay the money upon the day arranged; but if he does fail we consider that the mortgagee is entitled to insist upon "Mortgagee" either giving six months' notice of redemption or paying six months' interest, in lieu of notice, upon the sum secured by the mortgage. In the case assumed it will be necessary for the property to be re-conveyed.]

Miscellaneous Inquiries.

J. C. M. (229/32).—Menthol After-shave Lotion.—The following is from "Pharmaceutical Formulas":

Menthol	gr. v.
Powdered tragacanth	ʒss.
Rectified spirit	℥ss.
Glycerin	ʒij.
Water to	℥vj.

Dissolve the menthol in the spirit and add to the tragacanth contained in a dry bottle, then add the water and shake, and lastly the glycerin. This can be coloured pink by the addition of tincture of cochineal or a solution of an aniline dye, such as magenta.

A. L. M. (233/30).—(1) Cow-pox is a contagious, febrile, and eruptive disease which, when once it occurs, spreads rapidly to the whole herd unless great precautions are taken to prevent this. The affected animals need segregating, and different attendants must be employed for affected and sound cows. The disease runs a definite course, but may be assisted in severe cases by drawing off the milk with a syphon and fomenting or poulticing the udder. Interference is not advisable in ordinary cases. (2) Bot-remedy.—The formula you submit is correct, but why annoy man and beast by giving a dose *every two hours?* It is better to give a full dose and be done with it. If this dose does not prove sufficient, give another in a week's time. You will find much information on the subject upon which you write in "Veterinary Counter Practice."

J. A. (238/41).—Chemical Fertilisers.—The following information which you require was given in the *C. & D.*, December 11, 1909, and subsequently with a treatise on chemical fertilisers in the *Chemist and Druggist Diary*, 1911:

	Potatoes		Leguminous Plants		Cabbage	Turnips	Onions
Superphosphate ...	40	50	60	—	2	66	15
Ammon. sulphate ...	21	—	—	10	3	20	—
Potass. chloride ...	—	—	—	250	—	—	—
Potass. sulphate ...	10	22	40	—	1	13	27
Kainit	21	—	—	—	—	—	—
Dried blood	—	40	—	100	—	—	40
Ground bone ...	20	—	15	500	—	13	30
Quantity per acre ...	10–11 ewt.	6 ewt.	3 ewt.	8 ewt.	3 ewt.	8–9 ewt.	8 ewt

This is only part of the table which was given as mentioned above, and we recommend you to read if possible the *Diary* article alluded to.

Stockport (245/33).—Registered chemists and druggists as such are not touched by the National Service Order referred to in the *C. & D.*, February 24, p. 42, nor in the Order issued by the Minister of Munitions on February 28 is the retail drug-trade mentioned, although shop-assistants are included in Class 11, "Commercial Occupations." This, however, does not apply to registered chemists and druggists or other assistants who have been exempted from military service on account of their engagement as dispensers.

J. M. (153/6).—Lice in Cattle.—You will find useful information in "Veterinary Counter Practice," p. 221, which is too long to quote here; also formulæ on p. 65 and p. 388.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," March 15, 1867

Pilula Ferri Composita, Ph.L.

Sir,—I had always experienced, in common with every druggist with whom I have conversed on the subject, a great difficulty in compounding the Pil. Ferri Comp., Ph.L. The formula directs the Myrrh and Soda to be rubbed together in a mortar first made hot, the Sulph. Iron to be then added, and the materials having been again rubbed, to be made into a mass with Treacle. The attempt to form a pill as above is far more likely to result in failure than otherwise, and the formula is not improved by substituting either Gum or Syrup for the Treacle. The idea suggested itself—how would the Sodæ Carb. Exsiccat. act, and I at once tried it together with Syrup. Simp. It proved most satisfactory, and I have continued to employ it for several years with invariably the same success. My reason in sending this communication is that those in the business who have, like myself, been annoyed at finding their labours misdirected, may give the modified formula a trial. I am, Sir, yours, etc.,

G. W. Glass.

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Creosote Carbonate
Cumarin
Guaiacol, U.S.P.
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Milk Sugar, Powder, U.S.P.
Beta-Naphthalene Benzoate
Potassium Permanganate, Large Crystals, U.S.P.
Potassium Bromide, Gran., U.S.P.
Potassium Cyanide
Potassium Guaiacol, Sulphate
Potassium Iodide, Gran. or Cryst.
Quinine Sulphate, U.S.P.
Resorcin, U.S.P.
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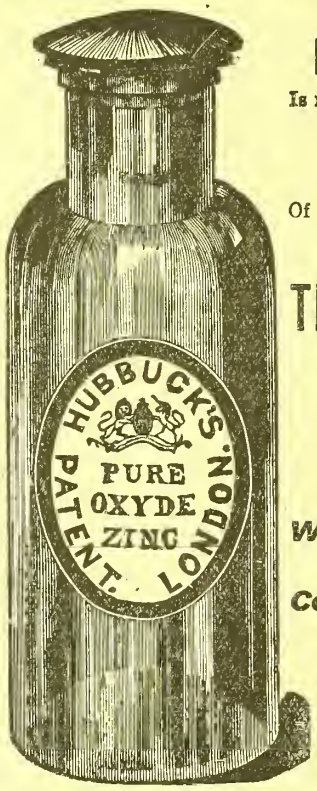

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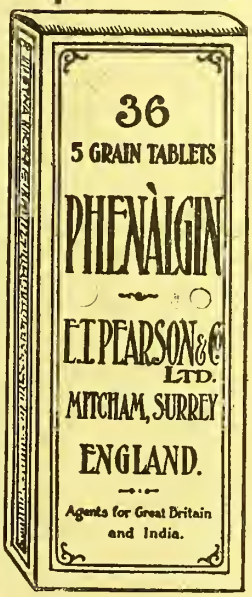

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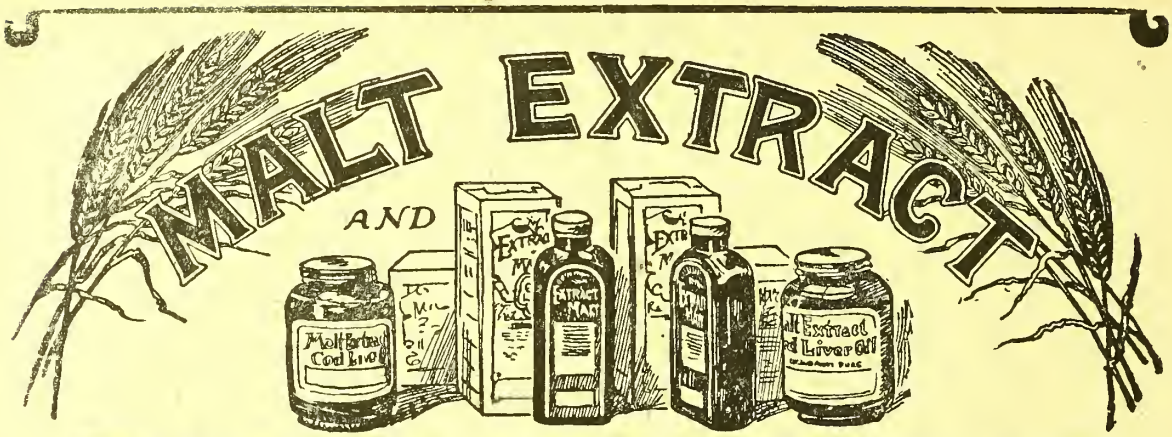

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Atropinæ Sulph., P.B., 1 oz. @ 125/- oz.
Aurl Chlor., 6 doz. 15 gr. tubes @ 22/6 doz.; 1 doz. 15 gr. tubes @ 22/9 doz.

*Bals. Copaibæ, pure, 44 lbs. @ 4/9 lb.; 9 lbs. @ 5/- lb.; 1 lb. @ 5/2.
,, Peruv., P.B., 1 lb. @ 18/- lb.
,, Sulphur, 7 lbs. @ 1/- lb.
,, Tolut. B.P., 50 lbs. @ 1/10½ lb.; 1 lb @ 2/4 lb.
Bismuth, P.B., Carb., 3 lbs. @ 13/6 lb.; 1 lb. @ 14/- lb.; subnit., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.
,, Salicyl., 1 lb. @ 29/- lb.
Boracic Mixture, 1 cwt. @ 95/- cwt.
Borax, 1 cwt. @ 44/6; powder 1/- extra.
Butyl-Chloral Hydras., P.B., 1 lb. @ lb.

Caffeine, P.B., 1 lb. @ 48/- lb.
Caffeinæ Cit., B.P., 1 lb. @ 32/- lb.
Calamina, powder, fine pink, 5 cwt. @ 25/- cwt.; 1 cwt. @ 28/- cwt.; 7 lbs. @ 4d. lb.
Calamine, B.P., 1885, 7 lbs. @ 1/3 lb.
Calcii Carb. Præcip., 5 cwt. @ 20/6 cwt.; 1 cwt. @ 25/- cwt.; 28 lbs. @ 30/- cwt.
,, Hydras., P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @ 5d. lb.
,, Hypophosph. Pur., P.B., 1 lb. @ 4/- lb.
,, Iodid., 1 lb. @ 21/6 lb.
Camphor, English Flowers, "not artificial," 5 lbs. @ 3/8 lb.; ½ oz. or ¼ oz. 7 lbs. @ 4/1 lb.; good white, about 95% as imported, 140 lbs. @ 2/1 lb.; 28 lbs. @ 2/4 lb.
Capsicine, soluble, 1 lb. @ 9/6 lb.
Carbo Animalis or Ligni, powder or lump, 1 cwt. @ 25/- cwt.; 28 lbs. @ 3½d. lb.
Cardamoms, 28 lbs. @ 2/6 lb.; 7 lbs. @ 3/- lb.
Carmine, Finest, 1 lb. @ 35/- lb.; No. 2, 1 lb. @ lb.
Cera Alba, B.P., White Moons, 28 lbs. @ 2/3 lb.; 4 lbs. @ 2/5 lb.; Flav. 1 lb. Blocks, 28 lbs. @ 1/9½ lb.: 4 lbs. @ 1/10½ lb.; 1 oz., ½ oz. tabs., 7 lbs. @ 1/10½ lb.
Ceril Oxalas, 1 lb. @ 6/6 lb.
Cetaceum, No. 1, fine white, 64 lbs. @ 11d. lb.; 7 lbs. @ 1/2 lb.; powder, 7 lbs. @ 1/6 lb.
Chloral Hydras Cryst., B.P., 7 lbs. @ 10/9 lb.; 1 lb. @ 11/3 lb.
Chlorodyne, 5 lbs. @ 2/9 lb.
*Chloroform, pure, B.P., 12 8-lbs. @ 3/9 lb.; 8 lbs. @ 3/11 lb.; 6 1-lb. bots. @ 4/3 lb.
Cocaine Hydrochlor., 1 oz. @ 29/6.
Codeina, 1 oz. @ 23/6 oz.; Phosph., 1 oz. @ 19/6 oz.; Hydrochlor. or Sulph., 1 oz. @ 20/6 oz.
Colocynth, Apple, English ground, 1 cwt. @ 1/4 lb.; 28 lbs. @ 1/5 lb.; 7 lbs. @ 1/7 lb.
Composition Powder (Coffin's), 1 cwt. @ 62/- cwt.; 7 lbs. @ 8d. lb.
Conf. Sennæ, P.B., 14 lbs. @ 1/1 lb.; 7 lbs. @ 1/2 lb.
Cort. Aurant. Exot. Shreds, 7 lbs. @ 2/4 lb.
,, Cinchon. Rub. (Quill), 7 lbs. @ 1/7 lb.
,, Ulmi Fulvæ, Pulv., 1 cwt. @ 11d. lb.; 7 lbs. @ 1/1 lb.
Cream of Tartar, 98% powder, 1 cwt. @ 197/6 cwt.; 7 lbs. @ 1/10 lb.

Creasote, Beechwood, P.B., 7 lbs. @ 14/6 lb.
Creta c. Camph., 7 lbs. @ 10d. lb.
,, Gall. Pulv., in sacks, 10 cwt. @ 11/- cwt.; 1 cwt. @ 13/- cwt.; 14 lbs. @ 1½d. lb.
,, Præparata, 7 lbs. in box @ 1/3 each.
Cubebæ, English Ground, 28 lbs. @ 3/3 lb.; 7 lbs. @ 3/6 lb.

*Dec. Aloes Co. Conc. 1–2, 6 lbs. @ 2/1 lb.; Sinecroco, 6 lbs. @ 1/4 lb.
* ,, Cinchonæ (Rubræ) Conc., 1–7, 6 lbs. @ 2/3 lb.
* ,, Senegæ Conc., 6 lbs. @ 2/11 lb.

Emp. Spread, 12 yards × 16 ins. adhesive, 6/-; Bellad. B.P.C., Green @ 28/6; Cerat. Saponis @ 12/4; Picis Co. @ 12/4; Plumbi @ 10/-; Resinæ @ 7/6; Roborans @ 11/6; Saponis, B.P., @ 10/-
Emp. Picis, P.B., 7 lbs. @ 1/1 lb.
,, Plumbi, P.B., 7 lbs. @ 1/1 lb.
,, Resinæ, P.B., 7 lbs. @ 1/1 lb.
,, Roborans, 7 lbs. @ 1/1 lb.
Emulsio Ol. Morrhuæ, 5 lbs. @ 1/6 lb.
Eserine Sulph., in 15-grain tubes, 8/6 each.
Ess. Bergam. (Oil), 12 lbs. @ 21/- lb.; 1 lb. @ 22/- lb.; not guaranteed absolutely pure.
Ess. Limonis (oil) original coppers, 12 lbs @ 4/3 lb.; 6 1-lb. bots. @ 4/9 lb.; not guaranteed absolutely pure.
*Ess. Moschi (not artificial), 5 lbs. @ 14/6 lb.; 1 lb. @ 15/- lb.
*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 3/9 lb.; Bergamot, 4/3 lb.
*Ess. Pineapple, 5 lbs. @ 4/- lb.
* ,, Raspberry, 5 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
* ,, Vanilla Beans, 5 lbs. @ 4/6 lb.; 1 lb. @ 4/9 lb.
*Ext. Belladonnæ Liq., B.P., 5 lbs. @ 19/- lb.; 1 lb. @ 19/6 lb.; solid, 7 lbs. @ 11/- lb.
Ext. Cannab. Ind., Alc., B.P., 1 lb. @ 63/- lb.
Ext. Cascara Sag. Liq., B.P., 1 cwt. @ 1/10 lb.; 10 lbs. @ 2/0½ lb.
*Ext. Ergot. Liq. P.B., 5 lbs. @ 4/8 lb.; 1 lb. @ 5/1 lb.; Solid, P.B., 4 lbs. @ 20/- lb.; 1 lb. @ 21/- lb.
Ext. Gent., P.B., solid, 1 cwt. @ 2/5 lb.; 7 lbs. @ 2/8 lb.
*Ext. Glycyrrb. Liq., B.P., 6 lbs. @ 3/1 lb.
*Ext. Hamamelis Liq., P.B., 5 lbs. @ 4/1 lb.
Ext. Hyoscyam., Solid, B.P., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.
*Ext. Ipecac. Liq., P.B., 5 lbs. @ 18/6 lb.; 1 lb. @ 19/- lb.
Ext. Malti c. Ol. Jecoris, 10 lbs. @ 11d. lb.
*Ext. Nucis Vom. Liq., P.B., 5 lbs. @ 4/8 lb.; 1 lb. @ 4/10 lb.; solid, 5 lbs. @ 4/6 lb.; 1 lb. @ 5/- lb.
Ext. Opii Solid, P.B., 1 lb. @ 80/- lb
*Ext. Opii Liq., B.P., 5 lbs. @ 6/6 lb.; 1 lb. @ 7/- lb.
Ext. Quassiæ, Solid, 7 lbs. @ 8/- lb.; 1 lb. @ 8/6 lb.
Ext. Sarsæ Co. Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.

Ferri Ammon. Cit., P.B., 28 lbs. @ 3/2 lb.; 7 lbs. @ 3/4 lb.
Ferri Carb., 14 lbs. @ 6d. lb.
Ferri et Quininæ Cit., P.B., 100 ozs. @ 11½d. oz. 25 ozs. @ 1/- oz.
Ferri Sulph., pure cryst., 1 cwt. @ 7 lbs. @ 3½d. lb.
Ferrum Redact., 80%, 1 lb. @ 7/10.
Flor. Anth. Exot., 7 lbs. @ 3/9 lb.
Fol. Bucbu, oval, 7 lbs. @ 4/- lb.
Fol. Sennæ Alex. parv., 28 lbs. @ 1/1 lb.

*Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted.

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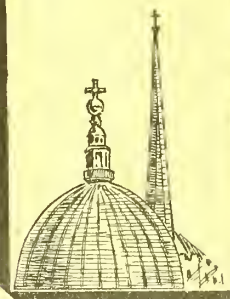

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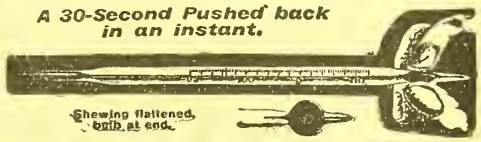

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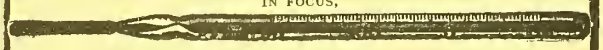

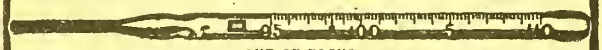

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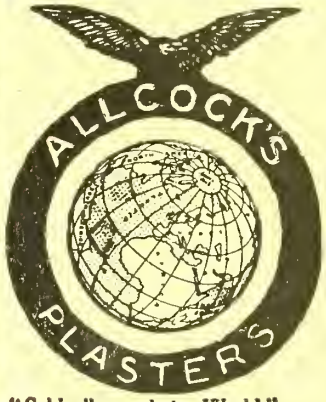

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The Nearest Copy to the Natural Nipple

(Note the patent band around the teat that grips tightly to the neck of the bottle.)

The "AGRIPPA" Band Teat will fit any boat-shape feeding bottle, and will not slip off.

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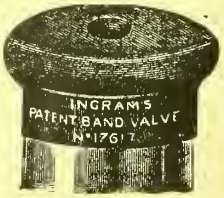
The **Patent Band Valve** is devised according to the most up-to-date theories, and affords a means of regulating to perfection the flow of the milk food.



"AGRIPPA" Band Valve (Black or Transparent Rubber).

The "AGRIPPA" Patent Band Teat and Valve are protected by the P.A.T.A., and are supplied on the understanding they will not be re-sold to Chemists and Retail Trade at lower prices than quoted below.

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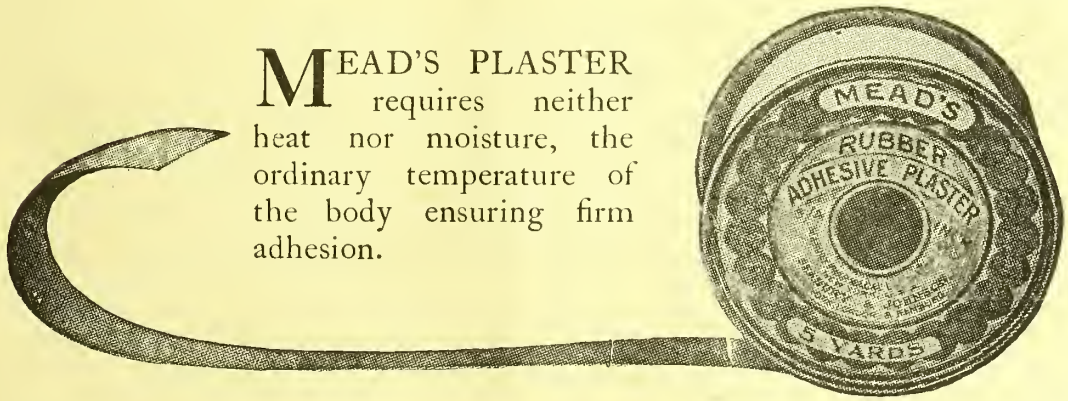

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"ALBATUM OR WHITE ROUGE"

GIVES A UNIQUE POLISH TO ALL SILVER AND ELECTROPLATED GOODS.

In 6d. and 1/- Boxes, and Tins, 2/-

BRADLEY AND BOURDAS,
6 PONT STREET, S.W.

STEROFIL GUTTA, PORGÈS.

THE BEST POSSIBLE SUBSTITUTE FOR GUTTA PERCHA TISSUE, and incomparably superior to it in many ways.

From all Wholesale and Sundries Houses.

PORGÈS, 12 Boulevard de Magenta, PARIS

BLACK AND TRANSPARENT RUBBER

FEEDING BOTTLE TUBING

NUMEROUS PATTERNS AND SIZES OF HYGIENIC AND ORDINARY

FEEDING BOTTLE TEATS

CARDED COMFORTERS.

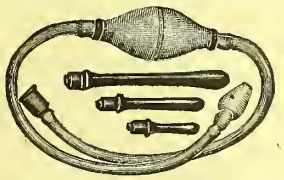
THE ALTRINCHAM RUBBER COMPANY,
Mossburn Buildings, Stamford New Rd., Altrincham.

"GRASSHOPPER" PILLS AND OINTMENT.

"Grasshopper" Pills and Ointment have gained a World-wide Reputation for their merit. They are extensively advertised in all parts of the world. Stocked by all Wholesale Houses and Drug Shippers, or can be obtained direct from the Proprietors. Retailers desirous of exhibiting Showcards can obtain same, Post Free, by applying to:

ALBERT & CO., 73 Farringdon Street, LONDON, E.C. *Established Half a Century.*

Indisputably the *best value* on the British Market.

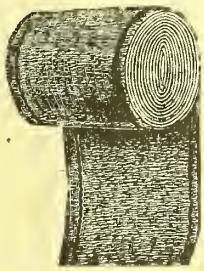


"ELLEMM" BRAND ENEMAS, SEAMLESS RUBBER GOODS, &c.

LEONARD MORRIS, 7 Brazenose Street, MANCHESTER.
T.A.: "Ellemm Manchester." T.N.: 1097 Central.

CRÊPE BANDAGES. BRITISH MAKE.

LIGHT AND COMFORTABLE TO WEAR.



ELASTIC, BUT CONTAINS NO RUBBER.

Fig. 1331.—The "**Saffron**" **Crepe Bandages**, fast edges, 5½ yards long when stretched out—

Width	2 in.	2½ in.	3 in.	3½ in.
Medium substance for ordinary wear ... ... per doz.	8/2	9/7	10/9	13/6
Stout " " **hard** " ... ... "	10/6	12/7	14/9	17/6

Full directions for use with each Bandage.

Cotton Elastic Web Bandage ... ... per doz. yards, 2 in. **4/7**, 2½ in. **6/-**, 3 in. **7/2**

Leg Bandage, 3 yards long, fitted with tapes, ready for use, each **2/-**

THE "EMPIRE" ELASTIC HOSIERY.

	Stockings.	Knee Caps.	Anklets.	Leggings.
Cotton Elastic, ordinary quality, for **hard** wear ... ... per pair	4/7	3/7	3/7	3/10

5% discount allowed for prompt cash off above prices. Carriage paid on orders of £2 and upwards.

We are the right House for British-made Goods, Anti-Rheumatic Rings, Catheters, Enemas, Elastic Hosiery, Hot Water Bottles, Injection Syringes, Pessaries (Quinine, &c.), Sponge Bags, Trusses, Water Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,

91 & 92 GREAT SAFFRON HILL, LONDON, E.C.

POTTER'S ASTHMA CURE
For the Relief of Asthma Hay Fever Bronchitis Diseases of the Respiratory Apparatus
PRICE ONE SHILLING

1/- TINS (P.A.T.A. 1/-)

9/6 DOZ. NET.

POTTER'S Asthma Cure

ADVERTISED EVERYWHERE

GIVES INSTANT RELIEF

POTTER'S ASTHMA SMOKING MIXTURE
PRICE 6d. PER TIN

6d. TINS (P.A.T.A. 6d.)
4/6 DOZ. NET

POTTER'S ASTHMA CIGARETTES
ASTHMA HAY FEVER BRONCHITIS

1/- BOXES (P.A.T.A. 1/-)
9/6 DOZ. NET.

POTTER'S TRAMONIUM CIGARETTES.

1/BOXES (P.A.T.A. 10½d.)
7/-DOZ. NET.

POTTER & CLARKE LTD.
60 64 Artillery Lane
LONDON · E

AND AT
24 LUNA STREET, GREAT ANCOATS, MANCHESTER.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MARCH 24, 1917.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

BEST RESULTS EVERY WEEK!

There is no need to guarantee the genuineness of the advertisements in 'The Chemist & Druggist Supplement.' Everybody in the drug-trade knows that only *bona-fide* paid-for advertisements are inserted. The 'Chemist & Druggist Supplement' knows no dead-heads, for it gives

THE PUBLICITY IT PAYS TO PAY FOR.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—SLOANE STREET (Near).—Retail and Dispensing Business; held by vendor upwards of 30 years; returns £2,000; *gross profit* 50 *per cent.* (proof given); terms, goodwill £250, stock and fixtures by valuation; good opening for a Partnership.

2.—HERTS (Borders of).—Ready-money Business; held by vendor many years; returns over £30 per week; good position in main thoroughfare; comfortable residence, with garden; rent moderate; price about £500; vendor invites the fullest investigation.

3.—WALHAM GREEN STATION (Within Easy Distance of).—Ready-money Retail; returns upwards of £1,000 per annum at fair prices; *net profit* estimated at £300; price £750, about the value of stock and fixtures.

4.—TOTTENHAM.—Ready-money Business; returning, under Manager, £1,400 to £1,500, at good prices; books kept by accountant and stock taken annually; about £375 required to purchase, £200 on entry and balance by instalments.

5.—LONDON, S.W. (Distant Suburb).—Retail and Dispensing Business; very good connection with local medical men; returns upwards of £1,200; *net profit* £300; price £800; stock and fixtures estimated at £600.

6.—LONDON, S.W.—Middle-class Business, situate in the main street; returns about £1,300; *net profit* £400; very good house, part sublet; fair price only required.

7.—MAIDA VALE (Near).—Retail, Dispensing, and Optical; chiefly ready-money; returns about £1,000 yearly; well-fitted shop; no active opposition; price £450.

8.—SURREY.—Good-class Retail and Dispensing Business, with Optical connection, in select residential district; returns about £2,500 per annum; terms, valuation of stock and fixtures, and sum for goodwill to be agreed equitably.

9.—BRISTOL CHANNEL.—Old established Business, Retail, Dispensing, and Agricultural; situate in best position, in good market town; returns about £1,700; about £1,000 required, for which full value is offered.

10.—WEST OF ENGLAND (Health Resort).—Select, good-class Business, admitting of extension; returns about £1,400; well-stocked shop and good house, on lease; price £1,200.

11.—BOURNEMOUTH.—Old established Business, essentially Dispensing and Family Retail; position unique; returns £2,500; under modern management an opening presents to considerably augment the turnover; terms, valuation of stock and fixtures, less a substantial rebate; vendor retiring.

12.—LAKE DISTRICT.—Mixed Business, with excellent sale for own Proprietaries; returns about £3,000; terms, stock and fixtures at valuation and sum for goodwill to be arranged equitably.

13.—SUSSEX.—For immediate Disposal, well-established Business returning between £700 and £750; *profits about* 50 *per cent.*; commodious premises; rent £40 yearly; new lease will be granted; price to be arranged equitably; illness cause of sale.

14.—CARDIFF.—Retail and Dispensing, together with Wines; returns £1,500; excellent premises, situate in main thoroughfare; vendor desires to take up an appointment, and for a quick sale will accept the value of stock and fixtures.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER
(Pharmaceutical Chemist),
Trade Valuer & Transfer Agent.
Recommended by The British Drug Houses, Ltd.; Messrs. Meggeson & Co.; Barclay & Sons, Ltd.
Valuer to the Association of Manufacturing Chemists.
1 Mountfield Road, CHURCH END, FINCHLEY, N.
Tel. No.: Finchley 812.

BATTAM & HEYWOOD
(Estd. 1837.)
CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS.
Balance Sheets Prepared. Books Audited.
3 DAVIES STREET, BERKELEY SQUARE, W.
Telephone: Gerrard 2169.

BERDOE & FISH
VALUERS & TRANSFER AGENTS,
35 Jewry Street, Fenchurch Street, City.
Telephone: 1809 Central.

NO CHARGE TO PURCHASERS.

1.—SOUTH COAST.—First-class Retail and Dispensing Business, with scope for large increase; commanding position; low rent; elegant fittings and good stock; owner retiring through old age; valuation only required, about £700; part could remain; personally inspected and recommended.

2.—DEVON (Market Town).—Good-class Retail, Agricultural, and Photographic Business, under management and scope for increase; returns average £1,300; principal did £1,500; main road position; splendid premises; fully stocked; price simply valuation, about £900 to £1,000.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—LONDON (12 miles out).—Middle-class Retail and Dispensing, with Dentistry; returns approach £1,300, increasing; net profit over £400; modern house and large garden; rent £50; compact, well-fitted Pharmacy, well stocked; price £600, or £150 and valuation; partnership entertained.

5.—LONDON. N.W.—Exceptional offer; Light ready-money Suburban Retail, returning over £20 a week; no immediate opposition; rent more than covered by letting off house, on lease; double-fronted shop; heavily stocked; price for quick sale £350, or would accept £150 for lease and fixtures and remove stock, or so much as not required.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

HAMPSTEAD, N.W.—A good-class Dispensing Business for Sale; good prices obtained; old established and good scope for further increase in takings, which at present average about £28 to £30 per week; moderate rent; no reasonable offer refused for quick sale; good reasons for disposal given. Apply, 179/25, Office of this Paper.

OLD-ESTABLISHED Drug Store, Newcastle-on-Tyne; main thoroughfare; working-class; well fitted and stocked; Proprietor retiring through age and bad health; to an immediate purchaser, £70. Apply, 179/31, Office of this Paper.

LONDON, S.E.—Spacious shop, with Post Office attached; electric light; good house and convenient cellars; small garden, with back entrance; pleasant neighbourhood; average takings for past three years £16 weekly; 400 N.H.I. Prescriptions monthly; Post Office pays over £100 yearly exclusive of commissions during war; rent £40; rates low; no Sunday business has been done, scope for same; fine opportunity for qualified man. 178/38, Office of this Paper.

A CHEMIST, retiring, and having sold premises in the business centre of an important naval and military town, where a profitable business has been carried on for a century, is prepared to offer exceptional terms to a right business man to succeed, to the same; a net profit of £250 may be at once looked for; references given to houses dealt with for 50 years; roughly, the fittings, which are very handsome, and stock may be £250; a man with £150 could have balance on future payments; they can be removed to adjoining premises, which will be available then. Apply, 179/30, Office of this Paper.

SALES BY AUCTION.

Re THE KEENOLIA CO., LTD.—IN LIQUIDATION.
By Order of the Liquidator.

MESSRS. FRYER, COOPER & CO. will Sell by Auction, on the premises, 57 Poland Street, W. (close to Oxford Circus Station), on Thursday next, March 29th, at one o'clock, the Stock of a

HAIRDRESSERS' AND CHEMISTS' SUNDRIESMAN.

comprising:—Brilliantines, Perfumes, Sponges, Shaving Pots, Brushes and Combs, Hairdressers' Jackets and Coats, Toilet Powders, Tinctures and Essential Oils, 30 gross Bottles, in various sizes, 3 cwt. of Prepared Chalk, Vascline, Pomade, Dry Shampoos, Hair Dyes, 10 dozen pots of Kolene, Bowls, together with the Fittings and Office Furniture:—Firepoof Safe, Utensils, Showcases, 2 Carrier Cycles, and a quantity of miscellaneous goods.

On view day prior and morning of sale. Catalogues may be obtained of Parkin S. Booth, Esq., Accountant to the Association of Manufacturing Chemists, Ltd., 35/7 Exchange Chambers, Bixteth Street, Liverpool, and at Kimberley House, Holborn Viaduct; and of the Auctioneers, 3 Redcross Street, E.C. 1.

LEGAL.

PURSUANT to an Order of the Chancery Division of the High Court of Justice made in the matter of the estate of Sir Joseph Beecham Baronet and in an action Woolley and another *v.* Beecham and others (1917 B. No. 473) the creditors of Sir Joseph Beecham Baronet late of Ewanville Huyton near Liverpool in the County of Lancaster and No. 9 Arkwright Road Hampstead in the County of Middlesex and who carried on business as a Patent and Proprietary Medicine Manufacturer at Saint Helens in the said County of Lancaster who died on the 23rd day of October, 1916, are, on or before the 16th day of April, 1917, to send by post, prepaid, to Mr. Arthur Draycott, of the firm of Bremner, Sons & Corlett of 17 Tower Royal, Cannon Street in the City of London the Solicitors of the Plaintiffs Frederick Duke Woolley and Charles Frederick Boston two of the Executors of the will of the deceased, their full Christian and Surnames, addresses and descriptions, the full particulars of their claims, a statement of their accounts, and the nature of the securities (if any) held by them, or in default thereof they will be peremptorily excluded from the benefit of the said Order.

Every creditor holding any security is to produce the same before the Master, at the Chambers of Mr. Justice Eve, situated at the Royal Courts of Justice, Strand, London, on Tuesday the 1st day of May 1917 at 12 o'clock noon, being the time appointed for adjudicating on the claims.

Dated this 9th day of March, 1917.

BREMNER, SONS & CORLETT,
Solicitors for the Plaintiffs.
17 Tower Royal, Cannon Street, London, E.C.,
and 1 Crosshall Street, Liverpool.

PARTNERSHIPS.

PARTNERSHIP.—A well-known London Retail Pharmacist in a large way of business requires a Partner. Applicants (i) must not be eligible for the Army; (ii) must be able business men experienced in management; (iii) must possess the Minor or preferably the Major qualification; (iv) must be able to invest £200; fullest opportunities for investigation will be given and expected; information so imparted will be confidential; applications which are not entertained will be acknowledged when the vacancy is filled. Apply, 172/10, Office of this Paper.

FOR SALE.

FOR SALE.—7 lb. Sach. Lact.; 2 lb. Hydr. Perchlor.; ½ lb. each Aniline Dyes, Orange, Canary, Bismarck Brown, Black, Violet, etc.; what offers? Apply, D. N. Still, 9 The Village, Old Charlton, S.E.

NATIONAL Cash Register for Sale; second-hand; suitable for any business; prints all details. Write for full particulars to F. Fishwick, 137 Jamaica Road, Bermondsey, S.E.

SACCHARINE: 4 x 1-lb. tins; Corporation, unopened; 550 strength. Best cash offer (whole or part) to S. E. Amos, Chemist, Church Street, Weybridge.

23 X 25 Soloid Merc. Pot. Iod., 8.75; 24 x 100 Tabloid Calomel, gr. 1; 24 x 100 Tabloid Pot. Iod., gr. 5; 24 x 100 Tabloid Pot. Iod., gr. 7½; 20 x 25 Benzoic Ac. Co.; 18 x 100 Ammon. Brom.; 10 x 100 Sod. Brom.; 12 x 25 Empirin; 15 x 30 Sod. Mints; 15 x 100 Sod. Mints; 20 x 25 Papaina; 13 x 100 Phenacetin Co.; 26 Bottles Elix. Glycerphos.; 6 Boxes 12 Tubes Hypoderm. Strych. Sulph. gr. 1/150; 4 Boxes 12 Tubes Hypoderm. Digitalin, 1/100; 2 x 4 oz. Liq. Ext. Cinch. Mis.; 2 x 4 oz. Liq. Ext. Coca; 4 x 4 oz. Liq. Ext. Hydrastis; 2 x 8 Liq. Ext. Hydrastis; 2 x 16 Liq. Ext. Hydrastis; 1 x 8 Liq. Ext. Sarsæ; 2 x 4 oz. Conc. Tr. Cascarill.; 3 x 4 oz. Conc. Tr. Chiretta; 3 x 4 Conc. Tr. Strophant; all gen. B.W. goods; some labels, slightly soiled; list price less 42½ per cent. Stevens, 97 Boro High Street, S.E. 1.

AGENCIES.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

PORTUGAL.—Advertiser, with good business connection in Portugal, would like to take up the Representation of Manufacturers of Chemical Products, Colours, Essences, etc.; principal office in Lisbon. Write to 141/39, Office of this Paper.

FINANCIAL.

A HIGH-CLASS Proprietary Company is open to acquire a good-class established Proprietary which can be further developed by advertising. Apply, 232/40, Office of this Paper.

BUSINESSES WANTED.

ADVERTISER desires (immediately) a good Mixed Country unopposed Business that could be carried on by an elderly unqualified person; cash ready. "Confidence" (179/23), Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

RETAIL.

BALHAM.—By end of March; Assistant; ineligible; reasonable hours and good salary to desirable man; abstainer; must be thoroughly capable for good-class business; photographic knowledge required; good references essential. State age and full particulars, Cooper, Chemist, 1 Ramsden Road, Balham, London, S.W.

BARNSLEY.—Wanted, for April 2nd, capable unqualified lady Assistant, with knowledge of Dispensing. Write, stating full particulars, to Dales, Chemist, Stairport, Barnsley.

BATH.—Wanted immediately, Assistant for Dispensing Counter; lady or gentleman; outdoors; moderate hours; temporary or permanent. Apply to the Manager, Davies & John, 15 Old Bond Street, Bath.

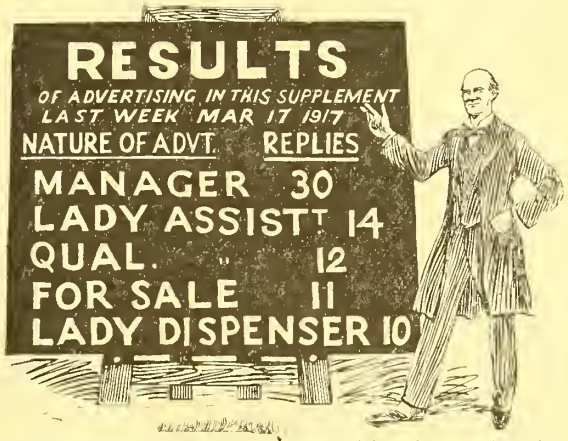
BIRMINGHAM.—Qualified lady Assistant required; knowledge of Retail preferred; also unqualified Assistant (male), used to Counter; ineligible. State experience and salary required to W. H. Wilkins, Ltd., 359 Birchfield Road, Perry Barr.

BIRMINGHAM.—Firm of Retail Chemists has an opening for a smart, unqualified man, age about 46, to assist in Stock-taking department; must be quick at figures and well up in the trade; permanency if satisfactory. "Stock" (180/201), Office of this Paper.

BLACKBURN.—Experienced Dispenser; with or without Book-keeping. References and salary, with photograph (preferably), to Dr. Gregson, 86 Lower Audley Street, Blackburn.

BRISTOL.—Competent Assistant (ineligible for Army) wanted for Dispensing and Retail Counter at branch; hours 8.30 to 8, Saturdays to 9.30; no Sunday duty; closed Wednesday afternoon; outdoors; application from lady Assistant would be entertained. Quote references and state salary required. Apply, Managing Director, Hodders, Ltd., 5 Nelson Street, Bristol.

BRISTOL.—Wanted, capable Dispenser; short hours. Apply, with photograph, to Ferris & Co., Ltd., Union Street, Bristol.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitableness.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this Section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

BUXTON.—Wanted at once, Assistant (gentleman or lady) for good-class Dispensing and Retail; indoors preferred; comfortable home. Apply, stating age, experience, references, salary required, with photo (if possible), to A. Thresh, Pharmacist, Buxton, Derbys.

CARDIFF.—Qualified Manager required for Branch. Duck & Son, St. John's Square.

CROYDON.—Qualified Assistant for Dispensing and Light Retail business; good salary to smart man; permanency. State age, experience, etc., to W. E. Matthews, Ltd., 40 George Street, Croydon.

DISS, NORFOLK.—Wanted, in an Agricultural and Dispensing business, an unqualified Assistant. Apply, with full particulars of age, experience, and salary required, to Gostling & Co.

EASTBOURNE.—Wanted, lady Assistant with some previous experience; easy hours; no Sunday duties; outdoors. Apply, stating salary required and usual particulars, to Geo. A. Harmer, Pharmacist, Eastbourne.

FELIXSTOWE.—Wanted, Assistant (ineligible) or lady; in- or out-doors. Full particulars to Brice, Chemist, Felixstowe.

GRIMSBY.—Wanted at once, qualified Dispenser and Manager; ineligible; healthy and energetic. State salary, give references, and send photo (if possible). Apply to R. and M., 103 Victoria Street, Grimsby.

IPSWICH.—Wanted, Junior Assistant (lady or ineligible) for Light Retail and Photographic business. Apply, stating age, height, salary required (outdoors), with references and photo, to Symonds, Chemist, Ipswich.

KENT.—Smart young lady Assistant required for Chemist's establishment; Light Retail and Dispensing business; permanency and progressive salary. "Kent" (180/203), Office of this Paper.

LEEDS.—Wanted an Assistant for Retail and Dispensing department. Apply, stating age, experience, and salary required, Reynolds & Branson, Ltd., Leeds.

LONDON.—Good unqualified or qualified outdoor Assistant wanted in about three weeks' time; comfortable berth; good wages to suitable man. Apply (in confidence), to "Rhei" (181/16), Office of this Paper.

LONDON, E.—Smart qualified Manager required for modern Store business; good agreement, with interest in the profits offered to a really capable man; permanency. "E." (180/204), Office of this Paper.

LONDON, N.W.—Wanted, Junior Assistant, lady or gentleman (ineligible); Dispensing and Retail. Apply personally, or if by letter, state full particulars and salary required, W. H. Bell & Co., 96 Albany Street, Regent's Park, N.W.

LONDON, S.W.—Young lady Assistant required; must be a good Dispenser; preference given to one who has had some experience with a Chemist. "King" (180/200), Office of this Paper.

LONDON, W.—Assistant required for high-class Pharmacy; exempt from military service; the duties are varied and congenial; good salary offered to the right man; personal interview preferred. Apply, Manager, 164 Piccadilly, W. 1.

MANCHESTER.—Wanted, competent Assistant; unqualified; ineligible; must bear good references and have varied experience. M. Matz, Chemist, 5 Bury New Road, Manchester.

MANCHESTER (Near).—Wanted, qualified Chemist for branch; over military age; must be smart and not afraid of work. Apply, stating age, experience, and salary required, enclosing photo (to be returned), to "Chemist" (180/33), Office of this Paper.

MANCHESTER.—Qualified Assistant for Dispensing and Light Retail; ineligible; outdoors. Particulars, W. H. Delve, M.P.S., 310 Stretford Road, Manchester.

NANTWICH (Near Crewe).—Assistant (male or female) wanted immediately for Retail and Dispensing business; outdoors. Apply, stating age, experience, and salary required, to W. C. Grice, Chemist, Nantwich.

NORWICH.—Wanted immediately, capable Dispenser for private and N.H.I. work; experience in the preparation of Homœopathic medicines—Pills, Tablets, and Tinctures—preferred; ineligible for military service; unqualified; outdoors; no Sunday duty; good salary to suitable man. Send full particulars when writing, Fuller & Co., Ltd., Chemists, Norwich.

PORTH, GLAM.—An outdoor Assistant (ineligible for service); short hours; half-holiday weekly; no Sunday duty. Please state age, experience, salary required, and when disengaged, to T. Davies, Porth, Glam.

SHEFFIELD.—Qualified Manager (gentleman or lady) for middle-class business; must be quick and reliable; date required, April 12th. State particulars, age, and salary required, to 407 Staniforth Road.

SOMERSET.—Assistant required, capable of taking charge of small branch business; rejected or over military age; easy hours; no Sunday duty; permanency; 8-roomed house. State salary required and when disengaged, Robertson, Chemist, Axbridge, Somerset.

SOMERSET.—Qualified Manager (ineligible), or lady, to take charge of Branch in country town; Light Retail and a little N.H.I.; house and gas found; easy hours. Edwards, Pharmacist, Midsomer Norton.

SOUTH WALES.—Qualified Manager required for a business which is "going ahead" on modern Store lines; applicants must be over 41, active, energetic, and very capable; lucrative agreement, giving commission on profits offered. "S.W." (180/2), Office of this Paper.

WEST RIDING.—Wanted, a capable unqualified Assistant; must be ineligible for military service; short hours; no Sunday or holiday duty; a good permanent berth; liberal salary to capable man. Apply, stating age, height, references, and salary required, to (180/30), Office of this Paper.

WORCESTER.—Capable Assistant of good address, chiefly for front Counter; qualification not essential. State experience, age, references, etc., Anderson & Virgo, Chemists, Worcester.

YORK.—Junior Assistant, lady preferred, well accustomed to general routine work, for old-established business (Wholesale and Retail); Dispensing, Veterinary, Agricultural, etc.; good hours. Give age, references, salary, and usual particulars, to Mr. Frank G. Hines, Messrs. Folkard & Co., 13/14 Pavement, York.

YORKSHIRE (West Riding).—Manager (qualified) required for progressive Cash business; must be a rejected man or above military age; liberal interest in the profits offered to a really capable man. "Urban" (180/202), Office of this Paper.

ASSISTANT; unqualified; male or female. References and salary to Mitchell, Chemist, Gretna.

COUNTER Assistant wanted (male or female) for brisk trade; ineligible for Army; good salary. Apply, Wm. Fox & Sons, Ltd., 109/113 Bethnal Green Road, E. 2.

COUNTERMAN for good-class business, or one who could assist at Counter; not qualified; outdoors; short hours. Apply, stating full particulars, stating salary, to W. Fox & Sons, 8 Castle Street, Sheffield.

DISPENSER; also Junior Assistant; hours 9 to 4; no Sunday duty. State salary, etc., Jones, Pharmacist, 4 Thayer Street, Manchester Square, W. 1.

JUNIOR Assistant; must be good Window-dresser; no Sunday or Bank Holiday duty; outdoors; permanency; good chance for advancement. Apply, stating experience and salary required, Hunter, 278 Bishopsgate, London, E.C. 2.

LADY Dispenser, with Minor or Apothecaries' Hall qualification. Apply, stating experience and salary required, to "Pharmacist," Middlesex Hospital, London, W.

LADY Assistant (qualified) required for first-class Retail and Dispensing business; moderate hours; good salary and every consideration given to suitable applicant. State full particulars and salary required (outdoors); a very desirable berth for a smart lady. R. H. Tootill, Pharmaceutical Chemist, Altrincham.

LADY Dispenser, with Minor qualifications, for London business; good Retail experience essential. Apply, giving full particulars of experience, age, and salary, to "Agar," c/o Maw, Son & Sons, 7 Aldersgate Street, E.C. 1.

MANAGER, unqualified (lady or gentleman), for branch business doing a Light trade, including Photography; outdoors; no Sunday duty; easy hours; ineligible for Army. State full particulars and salary required, Bates & Hunt, Wellington, Salop.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

OUTDOOR Assistant; London, W.; qualified or unqualified; from 23 to 35 years of age; discharged from Army preferred; duty shared by three. Write details of experience, age, height, and salary required, to Hooper, 26 Davies Street, W.

PART-TIME; four evenings per week and all day on Saturday; gentleman preferred; state terms; Dispensing and general Retail; Tottenham district. "Ueal" (180/14), Office of this Paper.

QUALIFIED Assistant required immediately; hours, Monday, Tuesday, Wednesday, 9 to 8; Thursday, 9 to 1; Friday, 9 to 8; Saturday, 9 to 9; no Sunday or holiday duty. Apply, with full particulars, to J. Edmunds & Co., Ltd., 33 High Street, Kingsland, London, N.E.

QUALIFIED Chemist to Manage Light Retail business in the Midlands; easy hours and no Sunday or night duty. Applicants should state full particulars of experience, age, and salary required, Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

REQUIRED, Assistant (lady or gentleman); Dispensing and Light Retail; easy hours. Particulars, salary required, etc., T. Bishop, Pharmacist, Thames Ditton.

TWO capable Assistants required (ineligible or ladies) for Dispensing business. Particulars, Nathl. Smith & Co., 373 High Street, Cheltenham.

WANTED, lady Assistant for Counter and N.H.I. Dispensing immediately. Apply, stating particulars, to C. A. Jones, Chemist, Reddish, Manchester.

WANTED, qualified Assistant; ineligible or over military age; outdoors. Russell Jacks, Pharmaceutical Chemist, 161 Gower Street, W.C.

WANTED, Manager (qualified) for high-class Pharmacy; also unqualified man; must be good Salesman; first-class references essential. Write, Bennison, Ph.C., 133 King's Road, Chelsea, S.W. 3.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ASSISTANTS wanted at once for the Wet Room and Pill Department. Apply, Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C.

EXPERIENCED man wanted for the manufacture of Face Creams, Powders, etc.; good prospects for right man. Apply, full particulars, 179/14, Office of this Paper.

INVOICE Clerks and Telephone Clerk (male or female), experienced in the Drug and Patent Medicine trade, wanted immediately. Apply, with references and salary desired, to Goodall, Backhouse & Co., Leeds.

MAJOR man required in Provincial town in the South of England, for Testing Drugs and Laboratory Preparations, and for experimental work; free removal. Please mention age, salary desired, and customary information. Box 178/6, Office of this Paper.

TRAVELLER required for London and Provinces to Represent Druggists' Sundries House. Apply, 179/140, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies, or elsewhere abroad.

CHINA.—One or two thoroughly competent Assistants (ineligible for military service); age 21-30; must have had good experience in high-class Retail business; liberal terms; two years' agreement; passage paid out and home. Address, "China" (180/27), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

A CHEMIST; age 46; good references and experience; disengaged; Locum or permanency. 248/36, Office of this Paper.

A COMPETENT and experienced Manager (unqualified) shortly desires good opening; London or near; young, trustworthy, active, and enterprising; total rejection; small capital if good offer of purchase. Particulars and salary to "Energy" (180/13), Office of this Paper.

A DOCTOR'S son, young, experienced, highest credentials, desires post (London), with view to Purchase or Partnership. Apply, 180/34, Office of this Paper.

ADVERTISER open to accept responsible situation, good-class business; 45; active; married; unqualified; good Salesman; expert Dispenser; Optician; Truss-fitter; 8½ years' reference. Particulars, salary, etc., "Optist," 4 Serlo Road, Gloucester.

AS Assistant; Manchester or district; 3 days a week, or Relief; Hall examination; exempt; experienced. T. E. Chadwick, c/o Dr. Henshaw, 30 Swan Street, Manchester.

AS Manager, Senior, or Locum in London; over age; qualified; experienced high-class and Store trade. "Minor," Munster Lodge, Fulham Road, S.W.

ASSISTANT (27), tall, C 3, desires Part-time or moderate hours; Dispensing or Counter; London district; disengaged. "Optimus," 222 Acton Lane, W. 4.

ASSISTANT, unqualified, ineligible, desires Evening employment in London; either every evening or occasional; disengaged April 1st. "C. C.," 3 Westridge Road, Southampton.

DISPENSER, N.H.I. qualification (conditional exemption), is open to change; permanency or Locum; age 41. Apply, 179/5, Office of this Paper.

DISPENSER, last 11 years with Doctor, seeks engagement. Youel, 70 Rotherfield Street, N. 1.

DISPENSER (woman), Hall qualification, experienced, requires post. "B.," 98 Fillebrook Road, Leytonstone.

DISPENSER and Attendant in X-Rays and Electro-Therapy, requires post with a Doctor or Institution; able to do minor repairs, etc.; Hospital experience; 9 years' excellent reference; ineligible. Particulars to B. L. Earle, 5 London Road, Blackburn.

INELIGIBLE; unqualified; smart; 5 ft. 10 in.; 25; 9 years' first-class experience; South Coast preferred but not essential. Please state salary. Apply 180/24, Office of this Paper.

LADY Dispenser (Hall) desires post; Hospital or Institution; Liverpool or district preferred. Apply, 178/8, Office of this Paper.

LADY Dispenser desires Part-time post Harrow or near; experienced. 180/7, Office of this Paper.

LADY Dispenser and Bookkeeper desires post with Doctor; permanent or Locum; good experience and good references; please state salary and particulars. Apply, 180/28, Office of this Paper.

LOCUM, or good all-round Assistant; 27; Minor, S.M.C., the two Parts B.O.A.; from April 1 till May 1, afterwards evenings only. Mr. G., 47 Molyneux Street, W.

LOCUM; qualified; over military age; abstainer; disengaged shortly. Please state salary offered. Apply, 180/12, Office of this Paper.

MANAGER or Locum; capable of entire control. State full particulars as to salary, etc., to "Sempervirens" (179/1), Office of this Paper.

MANAGER; qualified; experienced; knowledge of Dental work; prepared to take entire charge of business in or near London; good references. Apply, 179/6, Office of this Paper.

MANAGER, with view to succession; capable and energetic; qualified; excellent references. 178/15, Office of this Paper.

MANAGER or Managing Assistant, unqualified (30), married, rejected, thoroughly experienced, desires permanency; West Country town preferred. Particulars and salary offered, "Salol" (179/4), Office of this Paper.

MANAGER, married, many years in West End and City, is seeking a position in either locality. Letter only, "A. H. S.," 35 Mortlake Road, Kew, Surrey.

MANAGER; permanency; town or country; unique experience; active; middle-aged. "M.P.S." (179/24), Office of this Paper.

MANAGER; 48; married; experienced; energetic; reliable; increase Branch or easy succession; shortly disengaged; unregistered. Address, "Energy," 1 Alexandra Mansions, Clapham, S.W.

PART-TIME.—Young gentleman desires post with Chemist for afternoons; hours available from 12 a.m to 5 p.m. 176/24, Office of this Paper.

QUALIFIED; elderly; Monday, Tuesday, and Wednesday vacant. "Semper Eadem," 12 Park Hall Road, East Finchley, N. N. or N.W.

QUALIFIED (26), C 2, five years' London experience, just recovered from illness, disengaged, desires Managership or Senior Assistant, or substitute. Apply, 180/1, Office of this Paper.

QUALIFIED; disengaged April 21st; 45; permanency or Locum; experienced; highest references. 181/20, Office of this Paper.

RETIRED Chemist as Dispenser to Doctor or Hospital; Kent, Sussex, or Hants preferred; moderate salary. Apply, 180/4, Office of this Paper.

SMART, energetic young lady desires post as Counter Assistant in West or North-West shop; 16 months' experience with good class firm; good knowledge of Sales and Stockkeeping, of Toilet and Proprietary articles. Apply, 180/22, Office of this Paper.

UNQUALIFIED Assistant desires situation (outdoors) in country town; permanency; used to good-class Dispensing and Family trade, also Light Agricultural; age 46; active; disengaged early in May. "Yenton" (180/29), Office of this Paper.

WHOLESALE.

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DUBLIN.—Traveller; 46; disengaged shortly; well known to the trade; first-class sales record; open to Represent established house; Proprietaries, Sundries, etc. Apply, 181/4, Office of this Paper.

EXPERIENCED Chemist, Galenicals and Toilet Preparations ineligible, good references, seeks responsible position. Henry Roth, 218 Blythe Road, West Kensington, London, W.

GENTLEMAN (36) offers services under substitution scheme (B 3) to Manufacturing Chemists or Druggists; thoroughly conversant with trade; able take charge Laboratory; any particular process of manufacture or office management; used to sole control and management staff; first-class references. Apply, "W.," c/o Hooper & Batty, Ltd., 15 Walbrook, E.C. 4.

PERFUMEUR-CHEMIST (University qualification) desires permanent position in first-class Perfumery or Toilet-soap factory; accustomed to Management; enterprising, energetic; real artist in creation of novelties; best references; exempt from military service. "A. D. B." (179/35), Office of this Paper.

REPRESENTATIVE (ineligible), first-class connection London Chemists, Stores, and Shippers, is open for engagement; established Manufacturer or good Proprietary; commission houses save stamps. Apply, 178/23, Office of this Paper.

REPRESENTATIVE; over military age; thorough knowledge everything connected with Drug trade; excellent connection, London, Suburbs; established firms only. 181/21, Office of this Paper.

MISCELLANEOUS.

SHOWCASE, solid mahogany, Plate Glass; very handsome Fixture; 8 ft. 8 in. high by 11 ft. 11 in. long; price £50. Ayrton, Saunders & Co., 34 Hanover Street, Liverpool.

SECOND-HAND Shop Fittings. — 12 ft. Glass-fronted and Mahogany Serving Counter, £8 15s.; Counter Silent Salesman, with bent front and two plate-glass Shelves, £5 15s.; 7 ft. Mahogany Wall Case, equal to new, £11 10s.; quantity of second-hand Shoprounds, Oils and Syrups, Pill Pots, Tincture Press, etc. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

CHEMISTS' Fittings (Second-Hand).—Ranges of Drawers, Shelving, and Lockers, Counters, Dispensing Screens, Bent Cases, etc., etc.; 2 only new gross sets of Ribbon Label Shop Rounds. D. Matthews & Son, 14 and 16 Manchester Street, Liverpool.

ASPIRIN P.B., guaranteed, in 5-grain tablets; bulk price, cash with order, post free.

1,000 @ 15/- | 5,000 @ 14/6 | 10,000 @ 14/-

R. GIBBINS & CO., 1 BIRKBECK RD., KINGSLAND, LONDON, N.E.
(R. GIBBINS)

HIGH PRICES FOR CAMERAS

Original Cost Price for Vest Pocket Kodaks, R.R. Lens, and Watch Pocket Carbines.

Try us for Single Models, Dealers' Stocks, Ensignettes, &c. We reply promptly and courteously, and goods are returned at once, CARRIAGE PAID, if no business is done.

WATSONS, 84 HIGH STREET, SHEFFIELD.

WOOD BOXES,

Strong, once used, for Sale in large quantities, near London.

15½ in. by **12 in.** by **11½ in.** deep.

Send best offers to

No. 244/42, Office of this Paper.

WAR WANTS EXCHANGE.

The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of 1/- for six words or less; 2d. per word beyond, prepaid Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "The Chemist and Druggist."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Bromural (180/26)
Chinosol tablets, genuine (180/26)
Creosotal (180/21)
Croton chloral (180/21)
Helmitol tablets (180/26)
Eichoff's menthol and eucalyptus soap (180/21)
Odol, rose flavour (179/33)
Phenacetin (178/32)
Phenazone (178/32)
Quinophane, ½ oz. (244/57)

FOR DISPOSAL.

Bona-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Analgen (172/34)
Creosote carbonate (172/34)
Dermatol (172/34)
Guycose (172/34)
Iodopyrine tablets (172/34)
Irocose (172/34)
Tannigen tablets (172/34)
Tanocol (172/34)
Theo. sod. acet. tablets (172/34)
Urosin-Brausesalz (172/34)

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6d.

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FOR DISPOSAL.

BOOKS AND PERIODICALS.

B.P. 1914: Martindale (Vol. 1) 1912; new condition; half publisher's prices. George, 4 Sarah Street, Sheffield.

DENTAL.

HALF-DOZEN or less FUO dentifrice. Newsholme, Ltd., 27 High Street, Sheffield.

FOR sale, 12 dental showpieces, celluloid and vulcanite, from 3s. 6d. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

WHAT offers? resorcin, 4 oz.; salicylic acid, 7 lb.; salicylate of soda, 7 lb. Walton, 68 Bolsover Street, W.

SULPHONAL, 4 oz., 10s.; zinc. valerian, 2 oz., 5s. 6d.; berberiæ sulph., 1 oz., 4s. Apply, 181/6, Office of this Paper.

12 oz. ac. lactic, 24s.; 4 lb. ac. oxalic, 7s.; 6 oz. lycopodium, 2s.; 3 oz. lithii benz., 6s.; 3 lb. pulv. pot. sulphas, 3s.; 1½ lb. potass. oxalas, 2s. 9d.; ¾ oz. pyramidon (offer); 1½ lb. ac. tannic, 9s.; 2 oz. guaiacol carb., 20s.; 4 oz. benzo-naphthol, 12s.; carriage extra. Lander, Chemist, Derby.

MISCELLANEOUS.

5-grain pill machine; Maw; mahogany frame, with brass sides; 12s. 6d., carriage paid. Randall & Son, Ltd., Chemists, Southampton.

BEST offers wanted for about 25 cwt. pwd. Fuller's earth, hardly fine enough for toilet; will send sample. Hill, Dental Parlour, Sussex Terrace, Southampton.

OFFERED.—2 dozen Maw's boat-shaped feeders, screw topped, brush, boxed, as new, 8s., C.F.; 12 15-gr. tubes pure gold chloride, £1 1s.; 4 oz. Metol, first-rate article, 14s. Gamlen, Chemist, West Hartlepool.

WANTED.

GELINEAU'S dragees; any size. State price, Lakeman, Chemist, Modbury.

HU-MODEL eye, with diseased fundi. "Optic," 227 Kensington, Liverpool.

"SPARKLET bulbs D" refills or empties wanted. State price, "Barrow" (248/2), Office of this Paper.

WANTED, 550 saccharine, preferably in unopened tins. Lowest price to Williams, 31 Heath Street, Hampstead, N.W.

WANTED, salicin in quantity; spot or forward delivery; lowest cash terms. Address, 193/71, Office of this Paper.

OPTICIAN'S sign, astigmat. or folder, about 26 in., for hanging outside. State lowest price and condition, Laidlaw, Basingstoke.

WANTED, by March 31st, 10 lb. "saccharin," guaranteed 550; no reasonable price refused. Apply, 178/5, Office of this Paper.

WANTED, a book on "Surgical and Mechanical Dentistry." State price, "B. E. F.," 68 Essex Road, Manor Park, Essex.

WANTED, copy "Exercises in the Preparation of Organic Compounds," by Professor Emil Fischer. Particulars and price to 244/72, Office of this Paper.

WANTED.—Second-hand cash register (National); total adder and detail-strip printer; good condition. Write to F. Collender, 26 Streatfield Street, Burdett Road, E.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WANTED, boot-polish tins, to hold about ½ lb.; size about 4 in. by 1 in. We are also buyers of liquid metal-polish tins. Samples and prices to "Brytenup," Polish Works, Preston, Lancs.

WANTED to buy, dental chair; condition of paint, plating, or upholstery no object as long as mechanism is sound; also dental engine; must be cheap. Hill, Dental Parlour, Sussex Terrace, Southampton.

SURPLUS stock chemicals, drugs (these in original packages and unopened only), packed drugs, soaps, perfumes, sundries, etc. Lowest prices for cash prompt. Delmas & Co., 29/31, Lower High Street, Stourbridge.

WANTED, a second-hand window enclosure and shelves; not under 8 ft. 3 in.; cheap. State condition and wood, etc.; also Martindale's or Squire's Companion. Still, 9 The Village, Old Charlton, S.E.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

IMPORTANT NOTICE.

ALTERATION OF PRICES

FOR THE

"ALLENBURYS" Foods & Diet

Owing to the increased cost of all raw materials, etc., we have been compelled to advance the prices of the "Allenburys" Foods and Diet as indicated below. The amended prices yield the pharmacist a profit on return of 20 %

The "Allenburys" Milk Foods Nos. 1 & 2, and The "Allenburys" Diet.

Si e of Package.	Minimum Retail Price.	Gross Wholesale Price, subject to our Monthly a/c terms of 7½ %
1/0	1/9	18/- per dozen.
3/6	3/6	36/- ,, ,,

The "Allenburys" Malted Food No. 3.

Size of Package.	Minimum Retail Price.	Gross Who esale Price, subject to our Month y a/c terms of 7½ %
6d.	6d.	5/- per dozen. (No change.)
1/-	1/-	10/3 ,, ,,
2/-	2/-	20/6 ,, ,,
5/-	5/-	51/6 ,, ,,
10/-	10/-	103/- ,, ,,

The new prices came in force on March 20, 1917.

ALLEN & HANBURYS, Ltd., London.

Veterinary Notes.

By a M.R.C.V.S.

Suckling Foals.

It is a very frequent occurrence for mares to die and leave suckling foals, or be unable to suckle them from deficiency of milk, disease and deformity of the gland, etc. It is, therefore, necessary to give the foal another milk, usually cow's, which if given as produced is not at all satisfactory or efficient for the preservation of the health of the animal. The following is, however, a good substitute:

Cow's milk (newly milked)	...	3 pints
Warm water	...	3 pints
Sugar	...	½ oz.
Lime-water	...	4 oz.

This is given at regular intervals, according to size and age.

Caring for Dogs' Feet.

Dogs frequently get injuries to the pads of their feet and between the claws by tramping on sharp stones, glass, etc. Usually there is profuse bleeding of the part which causes great alarm among the spectators. It is necessary at times to sew the wound, but before doing so, or even applying a dressing, it is imperative that the wound should be examined for any foreign body, and the examination should be very exacting, as a very small particle, such as a thorn, may cause great annoyance and trouble. The usual treatment is to clean out and examine the wound, and stitch if necessary; if not, dress with any ordinary astringent and styptic if required. Friar's balsam painted over is recommended. Poultice if considered advisable. Neglect or carelessness of wounds of the feet often tends to promote fistula or sloughing of the claws, and may even affect the whole foot.

Pituitrin in Obstetrics.

Pituitrin is a preparation of the pituitary gland, and is probably the most reliable ecbolic that now exists in veterinary practice. In uterine inertia, especially of the bitch, cat, sow, and ewe, as well as the mare and cow, stands pre-eminent. The bitch is affected with this inertia, more so than any other animal, the sow and cat following it. Pituitrin is administered by subcutaneous or intramuscular injection, and usually acts within ten to twenty minutes, the action continuing for about two hours or so. It brings about contraction of the uterus, produces labour-pains, and hastens the expulsion of the uterine contents. In many instances, by the introduction of this preparation, the use of the forceps has been prevented, as well as long and tedious waits, which were of frequent occurrence. Pituitrin is also a hæmostatic, and it is only on very rare occasions that hæmorrhage occurs or seems alarming.

Some Poultry Troubles.

Previous to setting a hen on eggs, she should be well dusted with insect-powder, especially round the neck and breast, under the wings, all over the under part of the body, and round the tail and fluff. The powder should be well rubbed in, the fowl laid on her back on a piece of stout paper, which prevents the loss of any of the powder. A dust-bath should also be kept in a convenient place in close proximity, where she can dust herself; not that the dust-bath frees her from vermin, but it prevents the parasites from breeding. If the vermin are allowed to breed to any great extent, the hen gets uneasy and leaves her eggs. This is the reason why a hen may sit for a number of days, then leave the eggs altogether.

Want of grit is very often at the bottom of poultry ailments. All fowls ought to be supplied with it, because if grit is withheld their food cannot do them the good it should. Grit may be likened to a grinding-mill, that prepares the food before it passes into the various channels of the body to produce bone, muscle, feathers, eggs, etc. Without grit the animal cannot thrive, therefore it is imperative that a supply be kept beside the fowl, and that it also be clean and fresh and in no way contaminated.

Worms in poultry are much more common than is suspected. A bird that becomes dull and listless, with ruffled features, white comb, and a general out-of-sorts look about it, may be a victim to worms. In such cases, isolate the animal, withdraw all food for eight hours, and give

Wormwood	...	1 part
Onion	...	2 parts
Flour	...	3 parts

Make into elongated pills of about 4 gr. each. Two doses, a few days intervening, usually suffices.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO. LTD., 1 New-Street Square, E.C. 4, and Published by the Proprietors at 42 Cannon Street, in the City of London.—*March* 24, 1917. [68]

This is One of the Warehouses Where We Stock

We have 3 others close handy.

PROHIBITION OF GLASS BOTTLES.

In view of the prohibition on Glass Bottles we can surely be of use to you with our large stocks. BUY FROM STOCK. Bear in mind we are a BRITISH firm of over fifty years' reputation, not a naturalised foreign firm.

Limes, Kalis, Mexicans, Emulsions, Cannons, Ovals, Panels Vials (Boxed & Loose, in 2 qualities), Brills, Pomades, Tablet Bottles, Screw Jars, Sweet Jars, Syringes (Male & Female) Glass Unions Perfume Bottles, Test Tubes, Ampoules, Weighing Bottles, Specific Gravity Bottles, Retorts, Aspirator Jars, Douche Linings, &c. &c.

Screw Pomade.

Eau-de-Cologne.

Scarcity of Box-wood Stoppers. Try Solidite

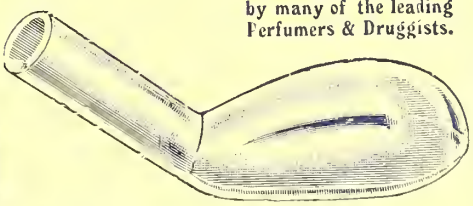
In various Colours with name of firm or advert.

Urethral Syringe.

A splendid Advt. used by many of the leading Perfumers & Druggists.

Tablet Bottle.

Send for List of what we have in Stock.



Surgical Glasses.

Jules Lang & Son, CHARLTON WORKS, Charlton Place, **ISLINGTON, LONDON, N.**

(Sole Proprietor: FERNAND. RENÉ LANG).

Telephone: NORTH 1344 (2 lines). Telegrams: "ASSORTED, NORDO, LONDON."

THE STANDARD TABLET & PILL CO
HOVE. LTD

BISMUTH DYSPEPSIA TABLETS

An excellent FORMULA:

℞ Bismuth Carb. Sodium Bicarbonate.
Oil of Lavender and Spirit of Chloroform.
With Sugar Paste Base

Most attractively put up.

A really efficient antacid and corrective.

Price 6/- per doz.

Name and address free.

Order assorted or otherwise. Carriage paid £1 and over.

FORMALIN THROAT TABLETS

Style C.

Sales bigger than ever.

Price 4/3 per doz.

Per gross, 48/-

May also be had labelled

"FORMAMINT"

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Printed for the Proprietors by Spottiswoode, Ballantyne & Co. Ltd., New-St. Square, E.C. 4; and Published by the Proprietors at 42 Cannon Street, in the City of London.—*March* 24, 1917.